

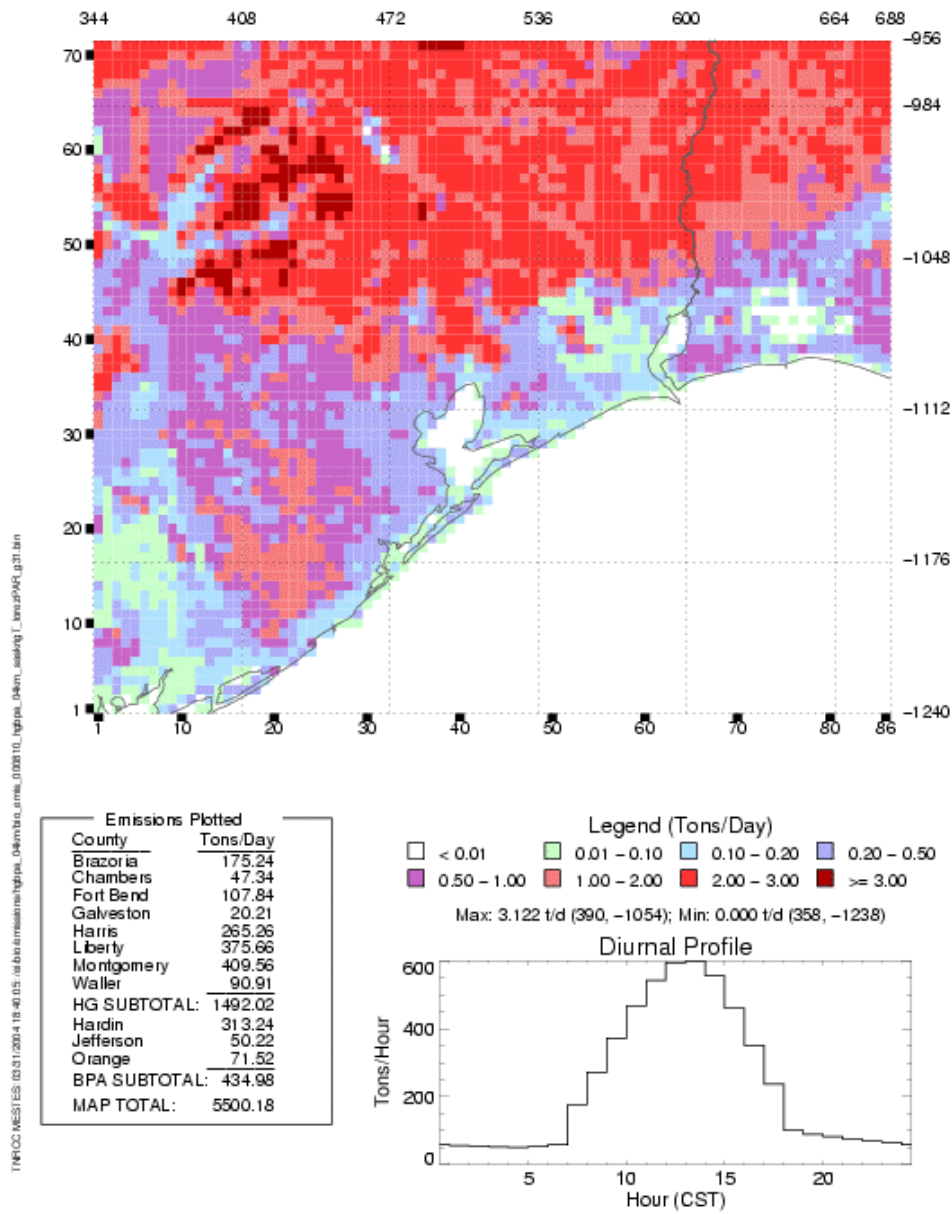
Appendix G.1

Phase 2 HGB Mid Course Review Biogenics Tile Plots

**Prepared by the
Technical Support Section
Technical Analysis Division
TCEQ
October, 2004**

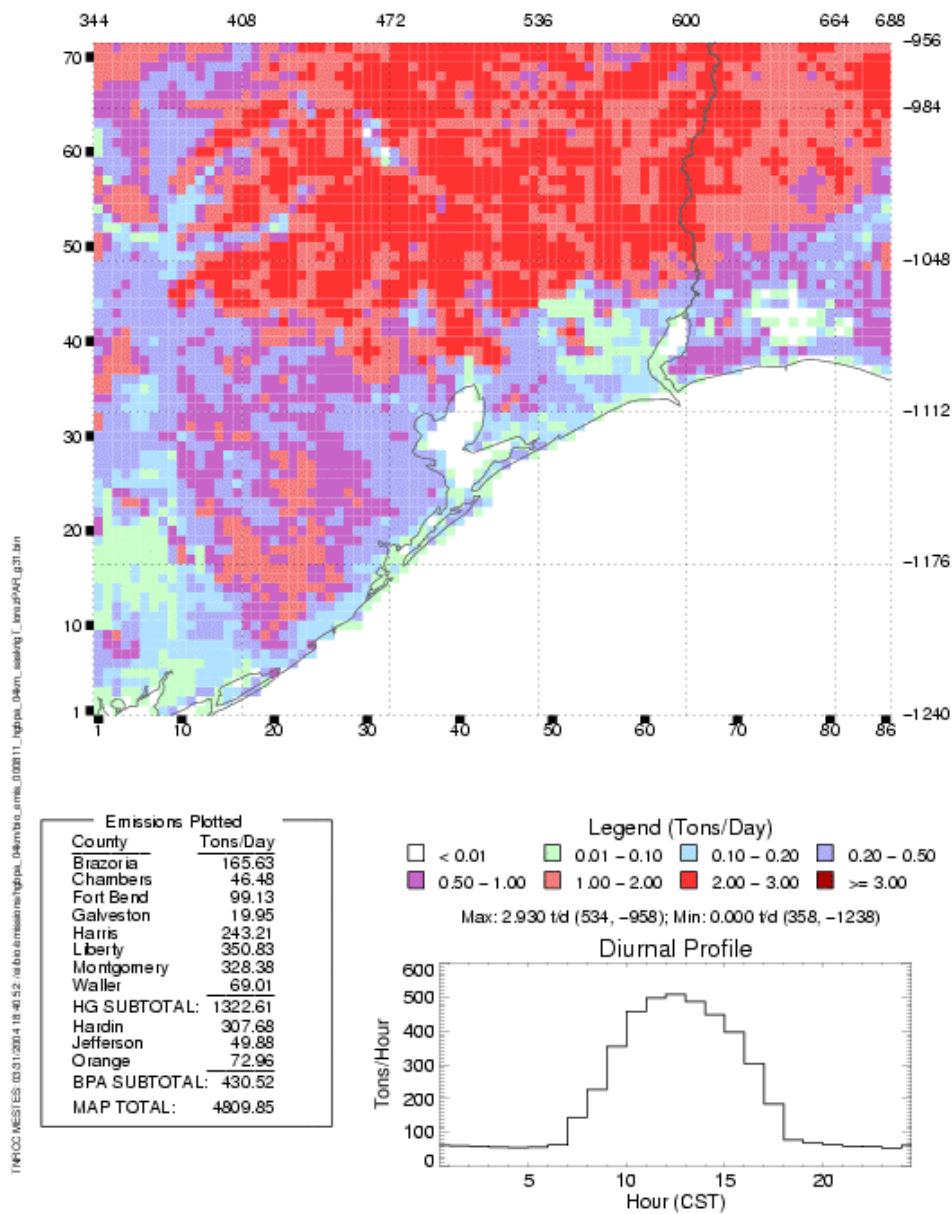
hgbpa_04km Biogenic CB-IV HC Emissions, 08/10/2000

(4x4 Km Grid Cells)



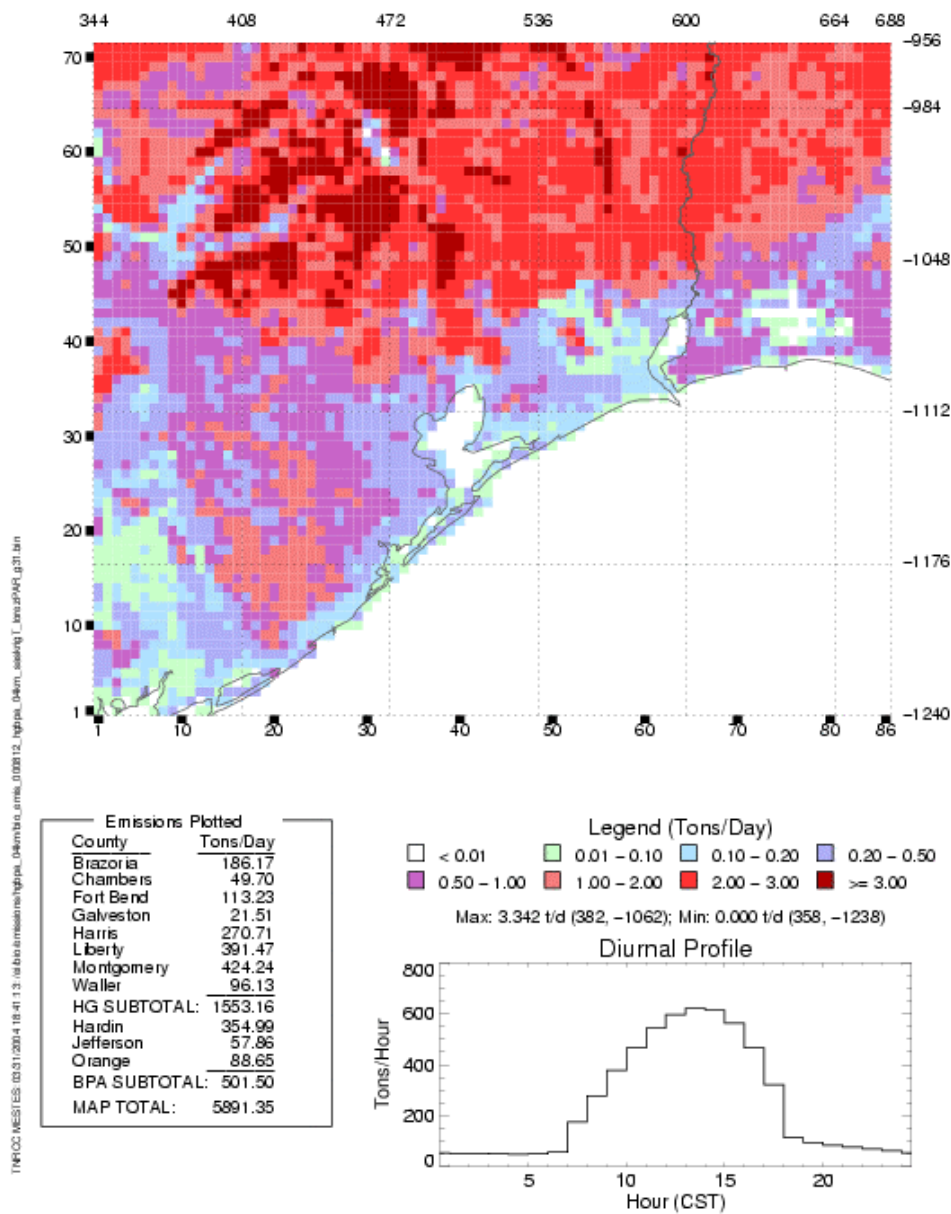
hgbpa_04km Biogenic CB-IV HC Emissions, 08/11/2000

(4x4 Km Grid Cells)



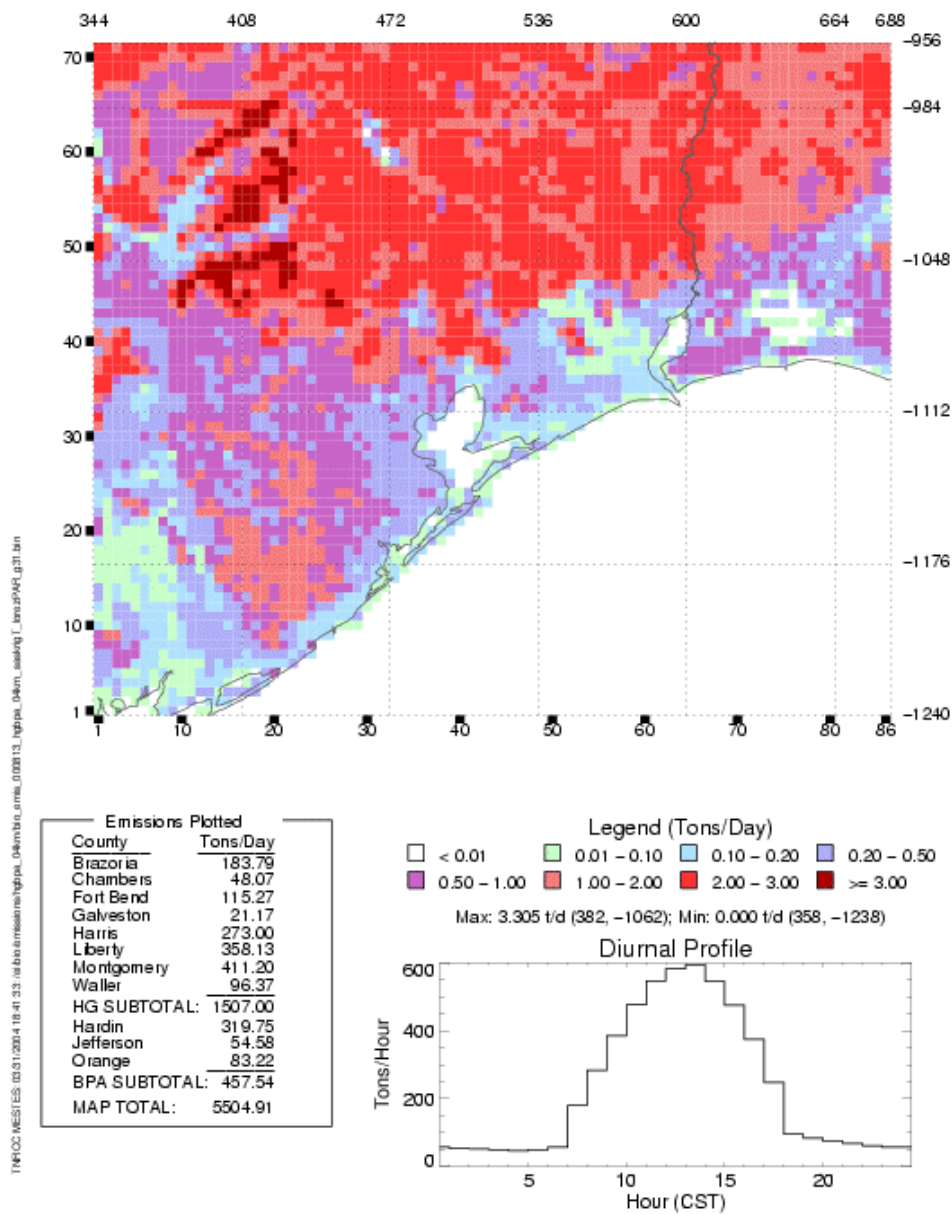
hgba_04km Biogenic CB-IV HC Emissions, 08/12/2000

(4x4 Km Grid Cells)



hgba_04km Biogenic CB-IV HC Emissions, 08/13/2000

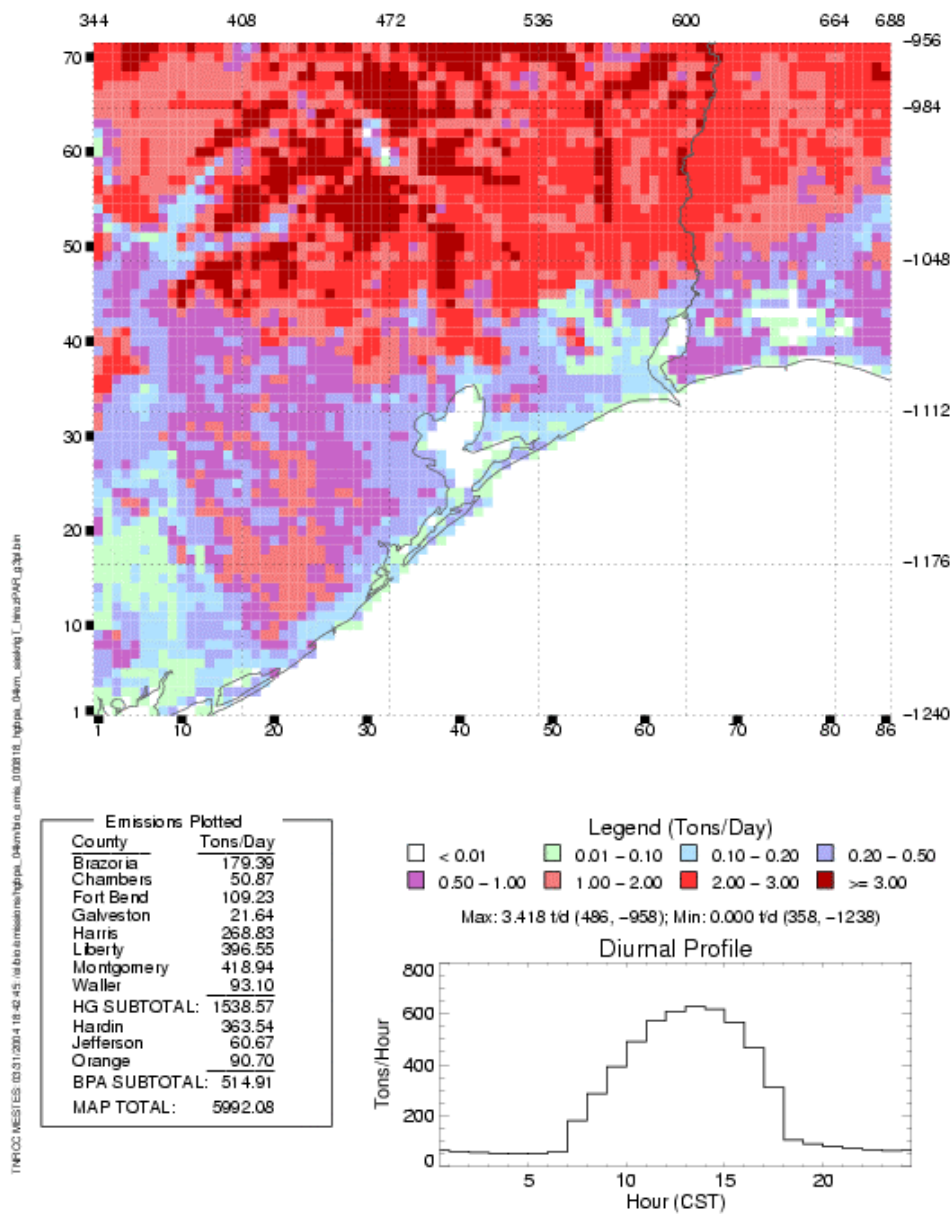
(4x4 Km Grid Cells)



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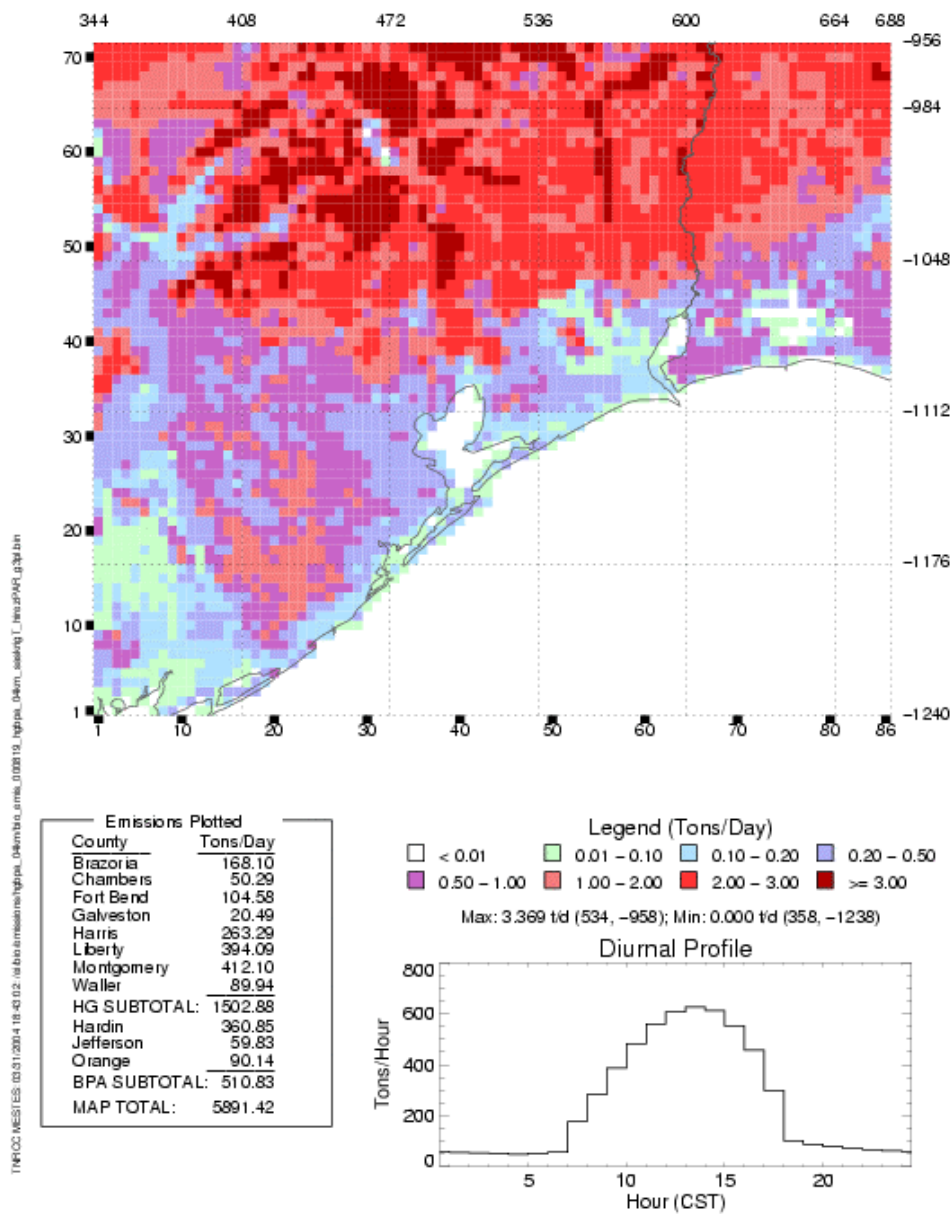
hgba_04km Biogenic CB-IV HC Emissions, 08/18/2000

(4x4 Km Grid Cells)



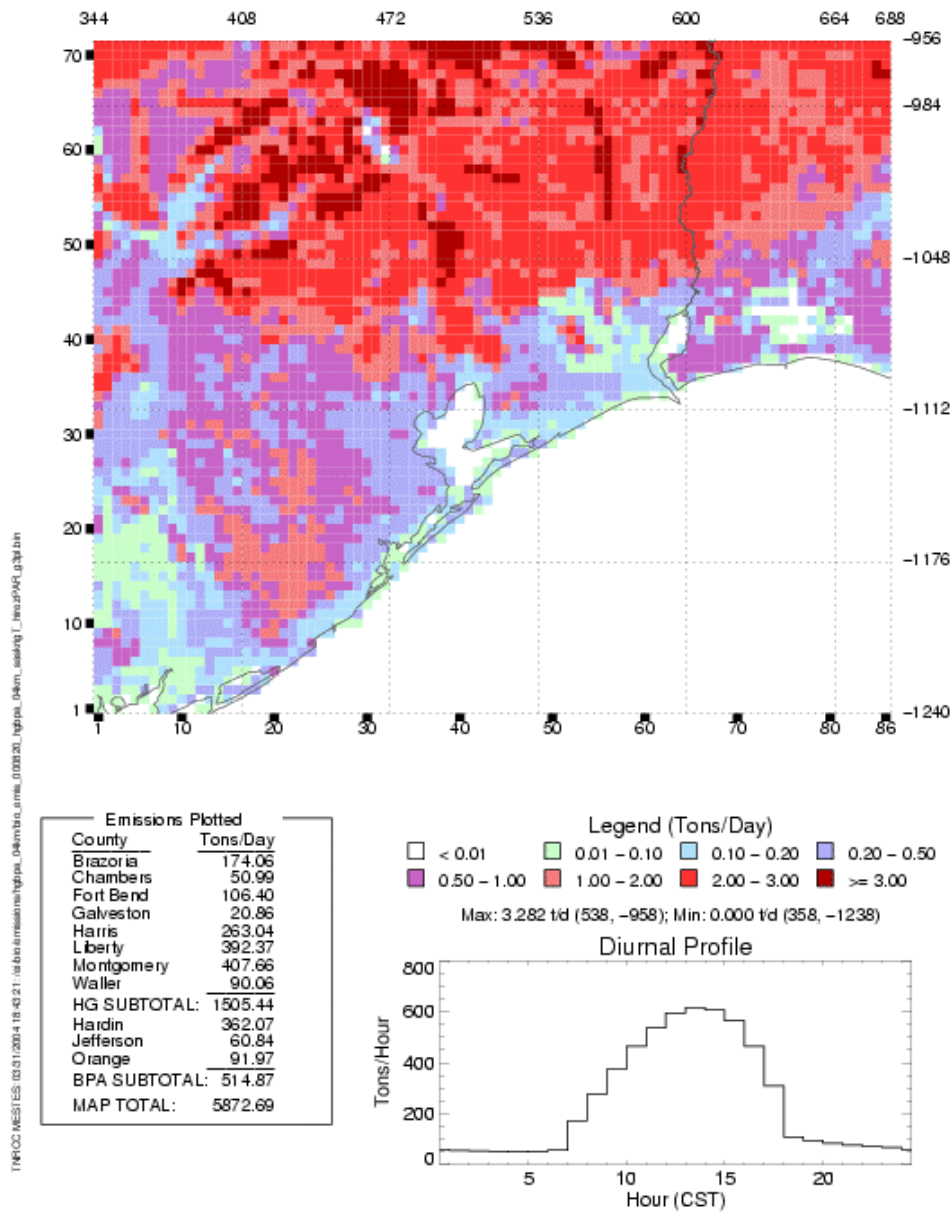
hgba_04km Biogenic CB-IV HC Emissions, 08/19/2000

(4x4 Km Grid Cells)



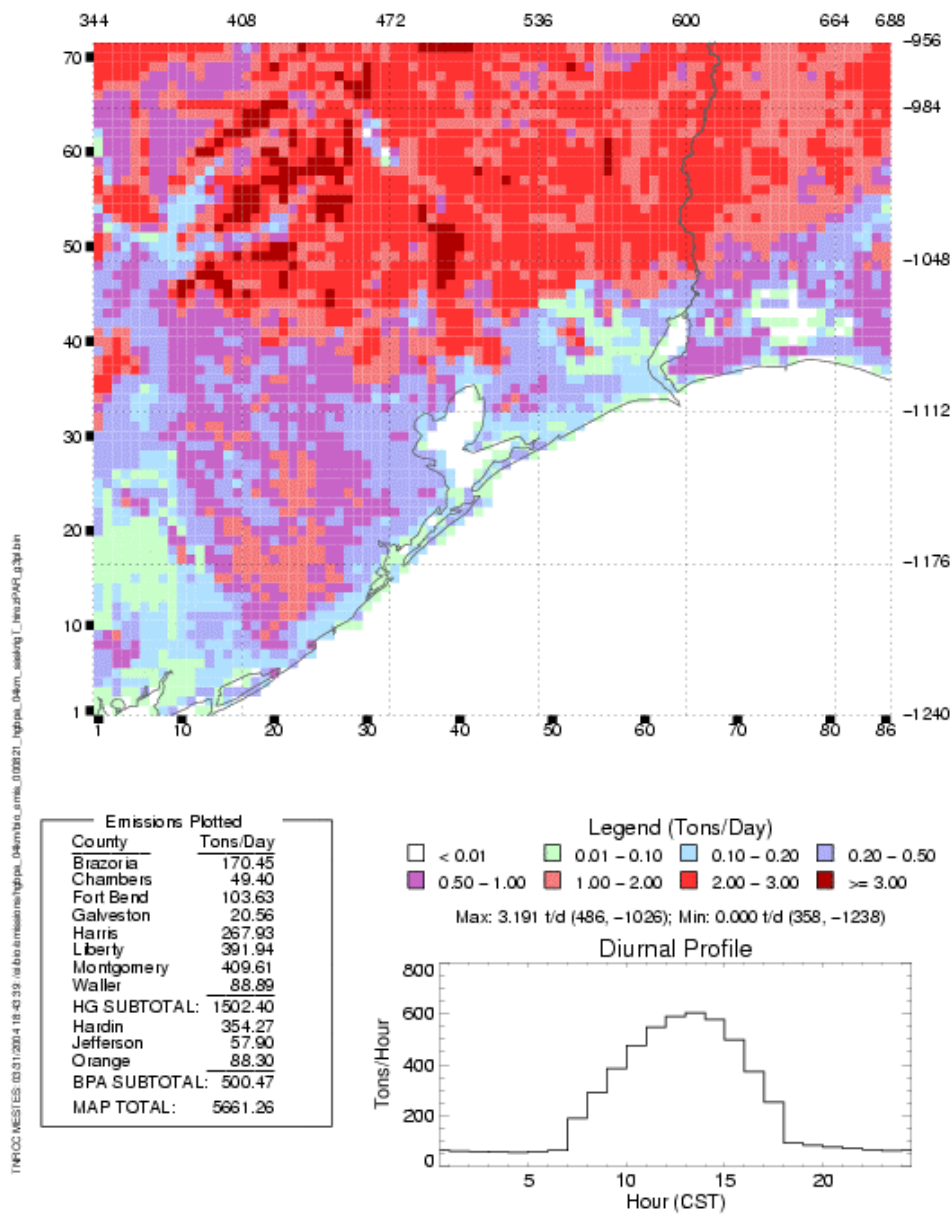
hgbpa_04km Biogenic CB-IV HC Emissions, 08/20/2000

(4x4 Km Grid Cells)



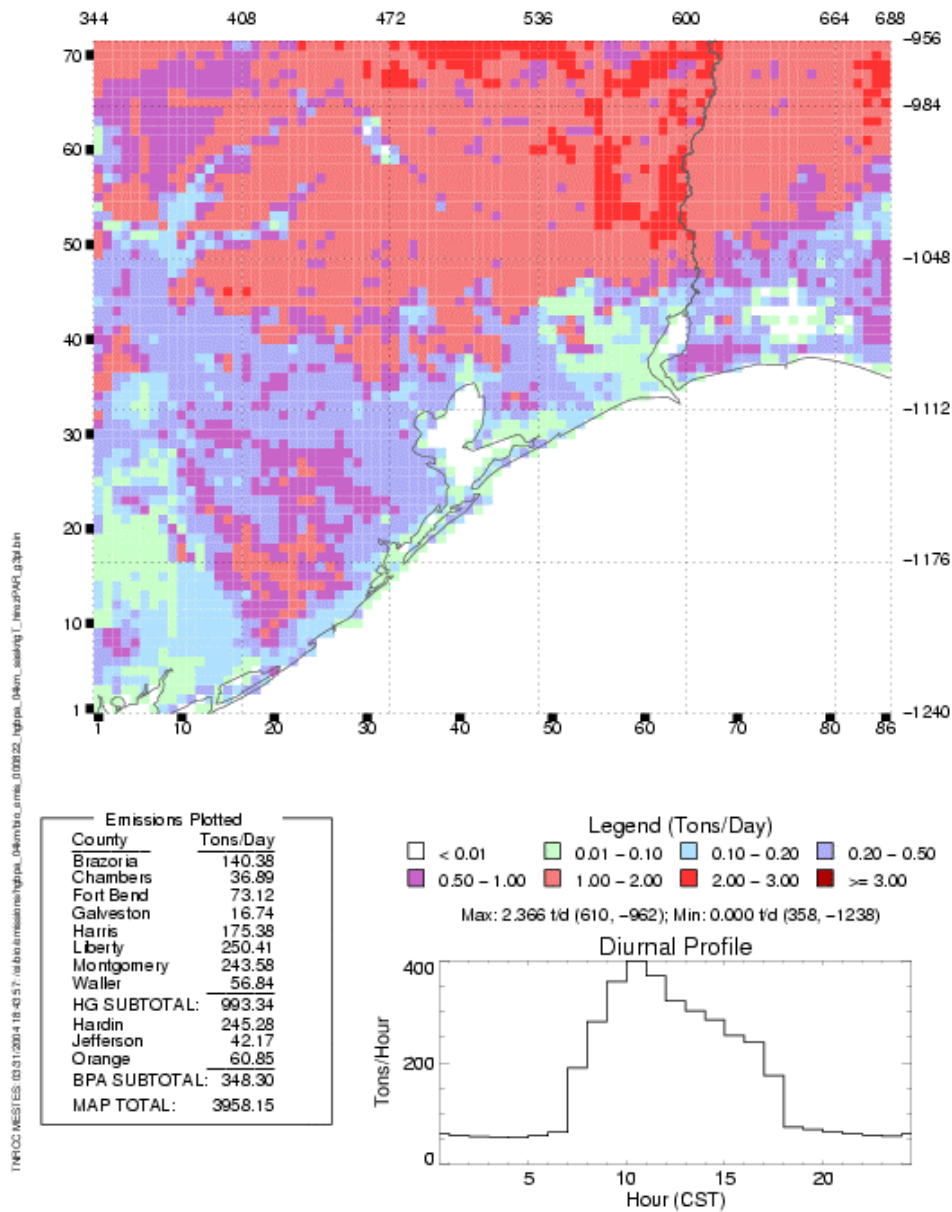
hgba_04km Biogenic CB-IV HC Emissions, 08/21/2000

(4x4 Km Grid Cells)



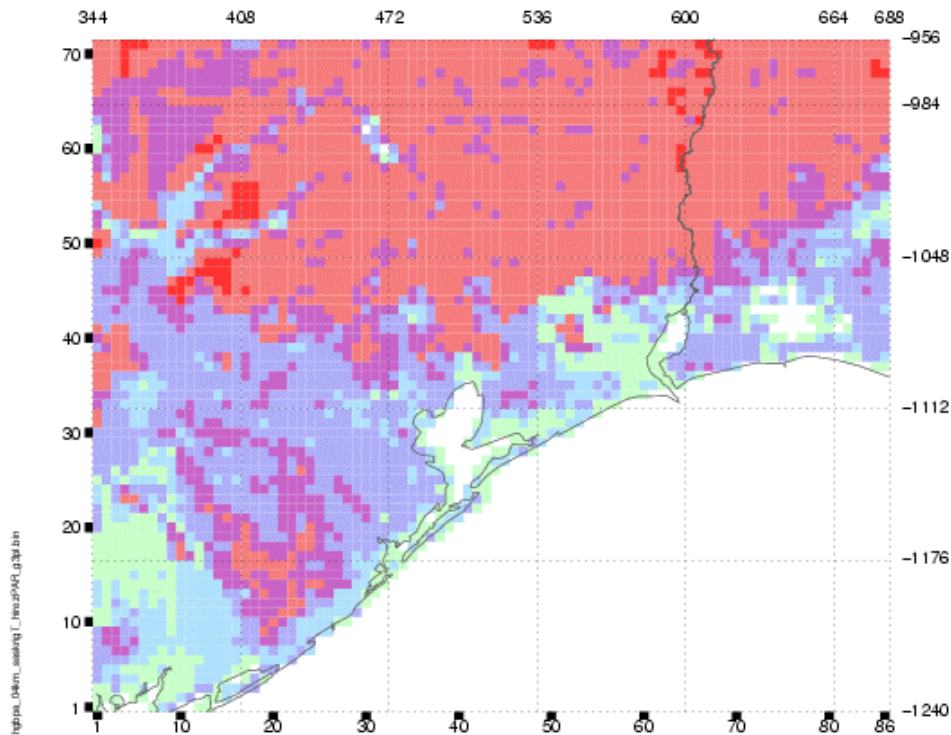
hgbpa_04km Biogenic CB-IV HC Emissions, 08/22/2000

(4x4 Km Grid Cells)



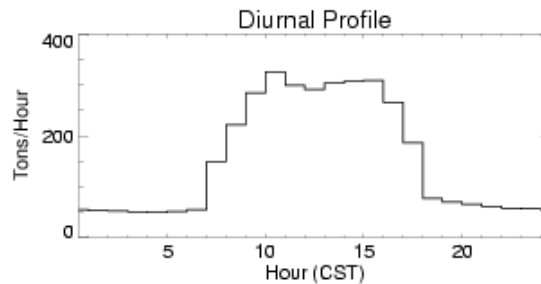
hgbp_04km Biogenic CB-IV HC Emissions, 08/23/2000

(4x4 Km Grid Cells)



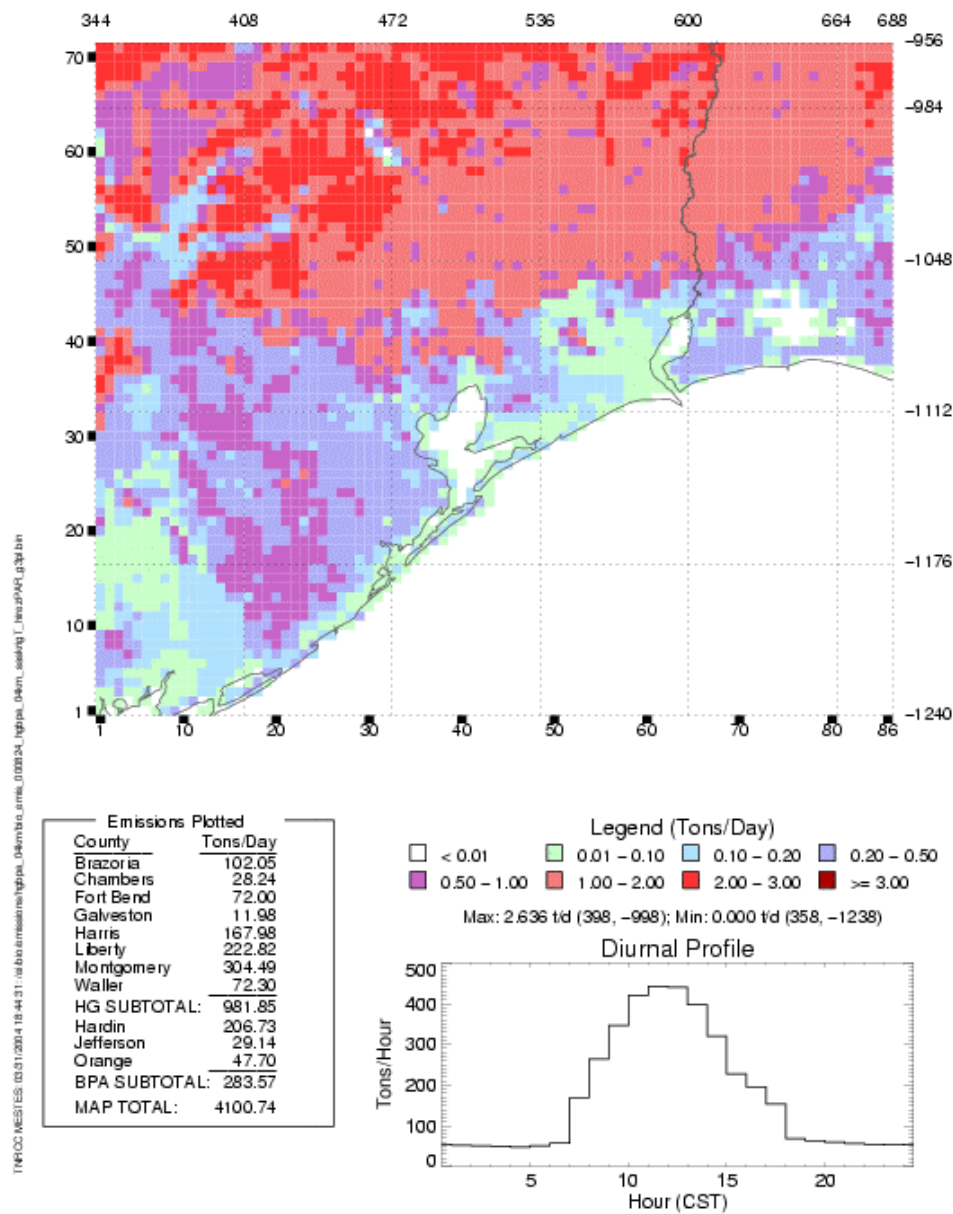
T:\HOC\MESTES\08/23/2000\418-441-4-18\biomissions\hgbp_04km\hgbp_04km_wasting_T_invest\APL_g3p1.bm

Emissions Plotted	
County	Tons/Day
Brazoria	123.49
Chambers	31.54
Fort Bend	69.25
Galveston	13.02
Harris	147.09
Liberty	210.79
Montgomery	240.71
Waller	63.58
HG SUBTOTAL:	899.46
Hardin	217.46
Jefferson	39.71
Orange	58.34
BPA SUBTOTAL:	315.50
MAP TOTAL:	3702.34



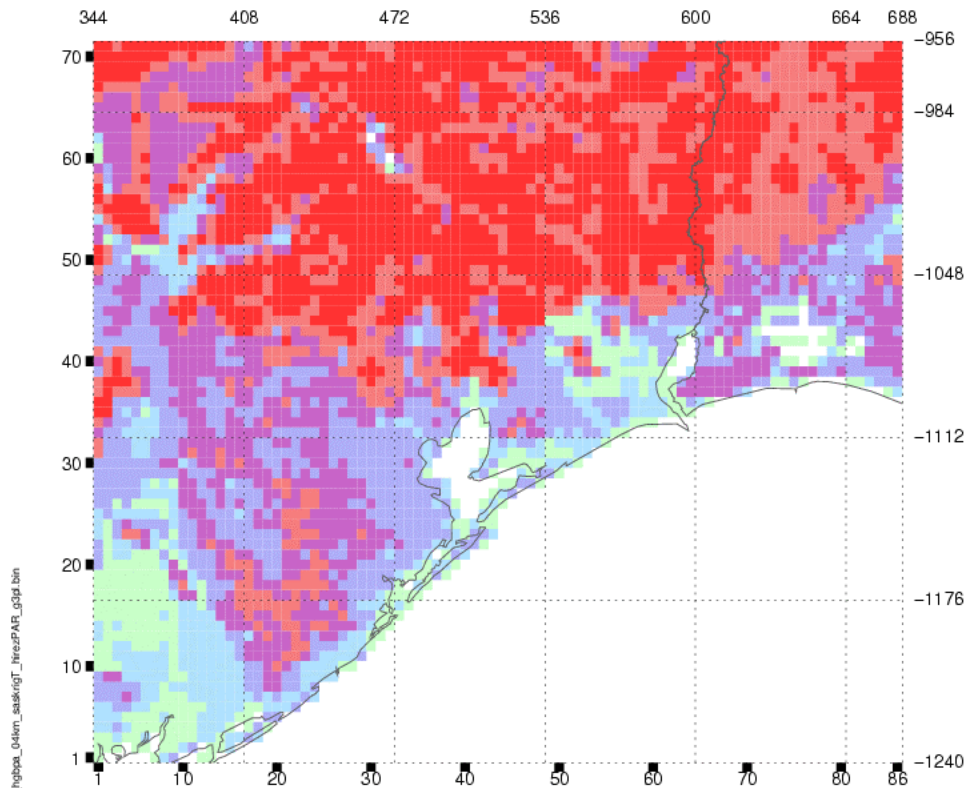
hgba_04km Biogenic CB-IV HC Emissions, 08/24/2000

(4x4 Km Grid Cells)



hgbpa_04km Biogenic CB-IV HC Emissions, 08/25/2000

(4x4 Km Grid Cells)

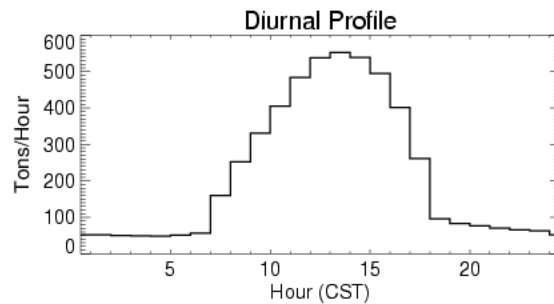


TNPOC_MESTES: 0316/2004.20.09.27: \\bioc\emissions\hgbpa_04km\bio_emis_000925_hgbpa_04km_saskagT_linePAR_g3d bin

Emissions Plotted	
County	Tons/Day
Brazoria	146.73
Chambers	44.24
Fort Bend	92.00
Galveston	18.26
Harris	234.12
Liberty	343.90
Montgomery	368.39
Waller	81.95
HG SUBTOTAL:	1329.59
Hardin	317.35
Jefferson	52.65
Orange	79.94
BPA SUBTOTAL:	449.94
MAP TOTAL:	5232.21

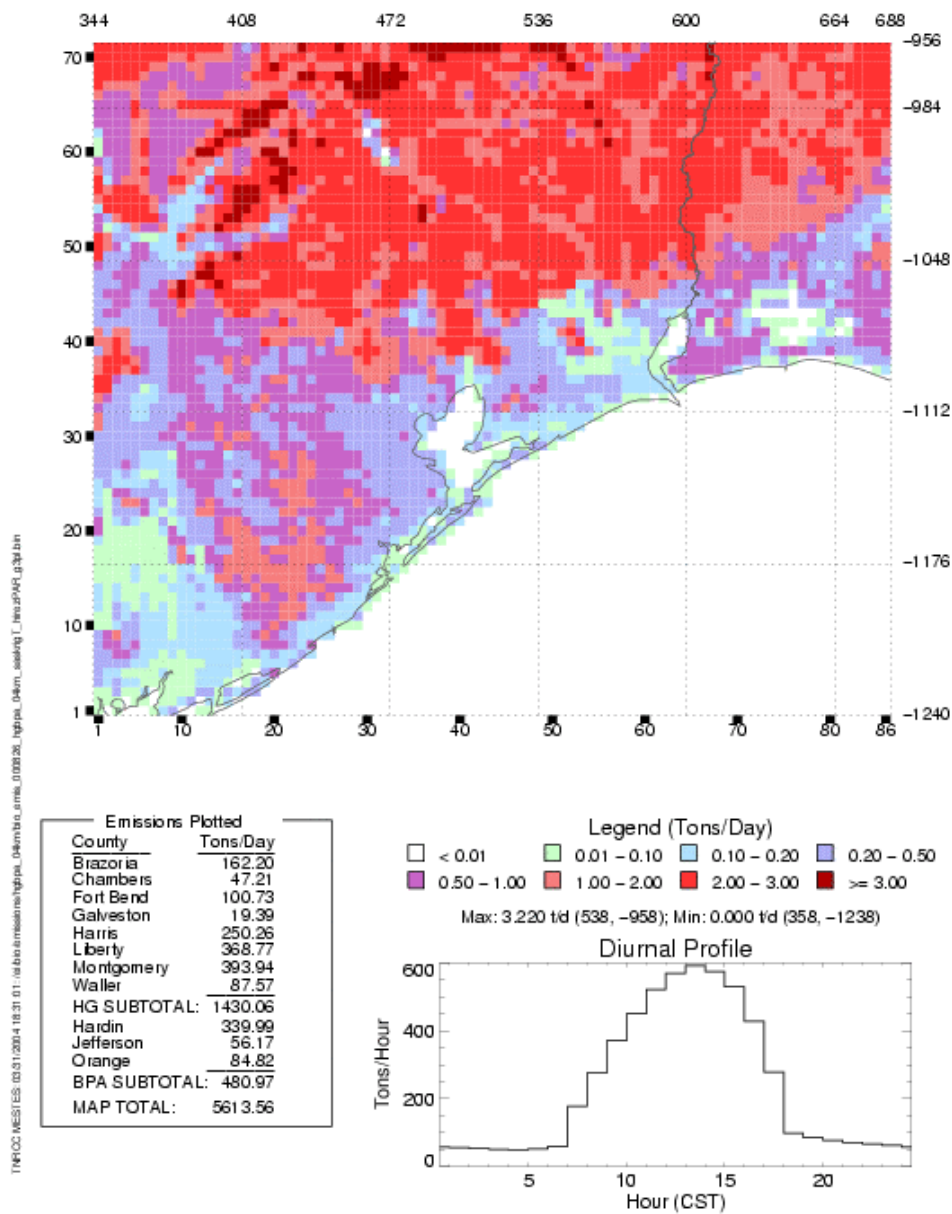


Max: 2.988 t/d (534, -958); Min: 0.000 t/d (358, -1238)



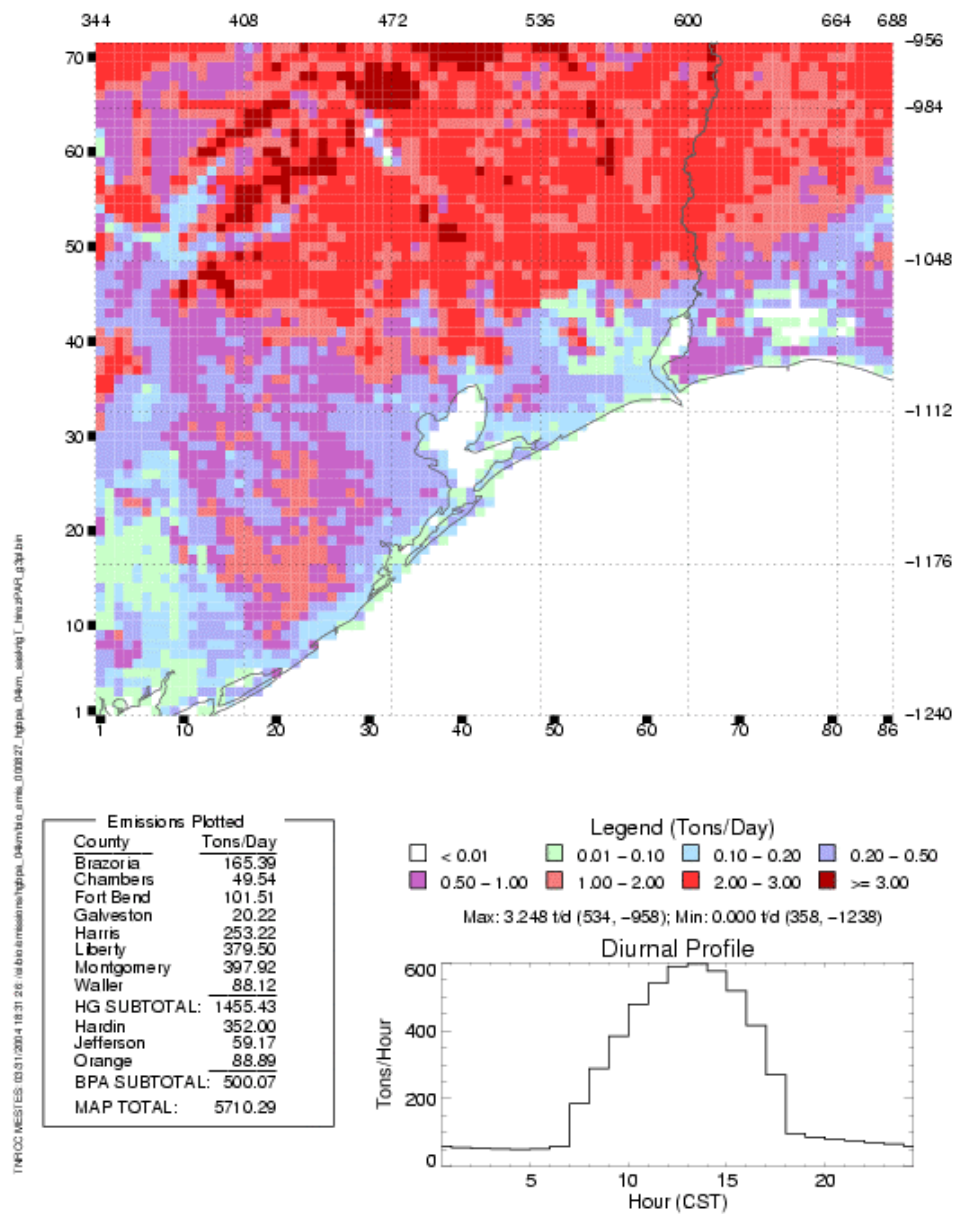
hgba_04km Biogenic CB-IV HC Emissions, 08/26/2000

(4x4 Km Grid Cells)



hgba_04km Biogenic CB-IV HC Emissions, 08/27/2000

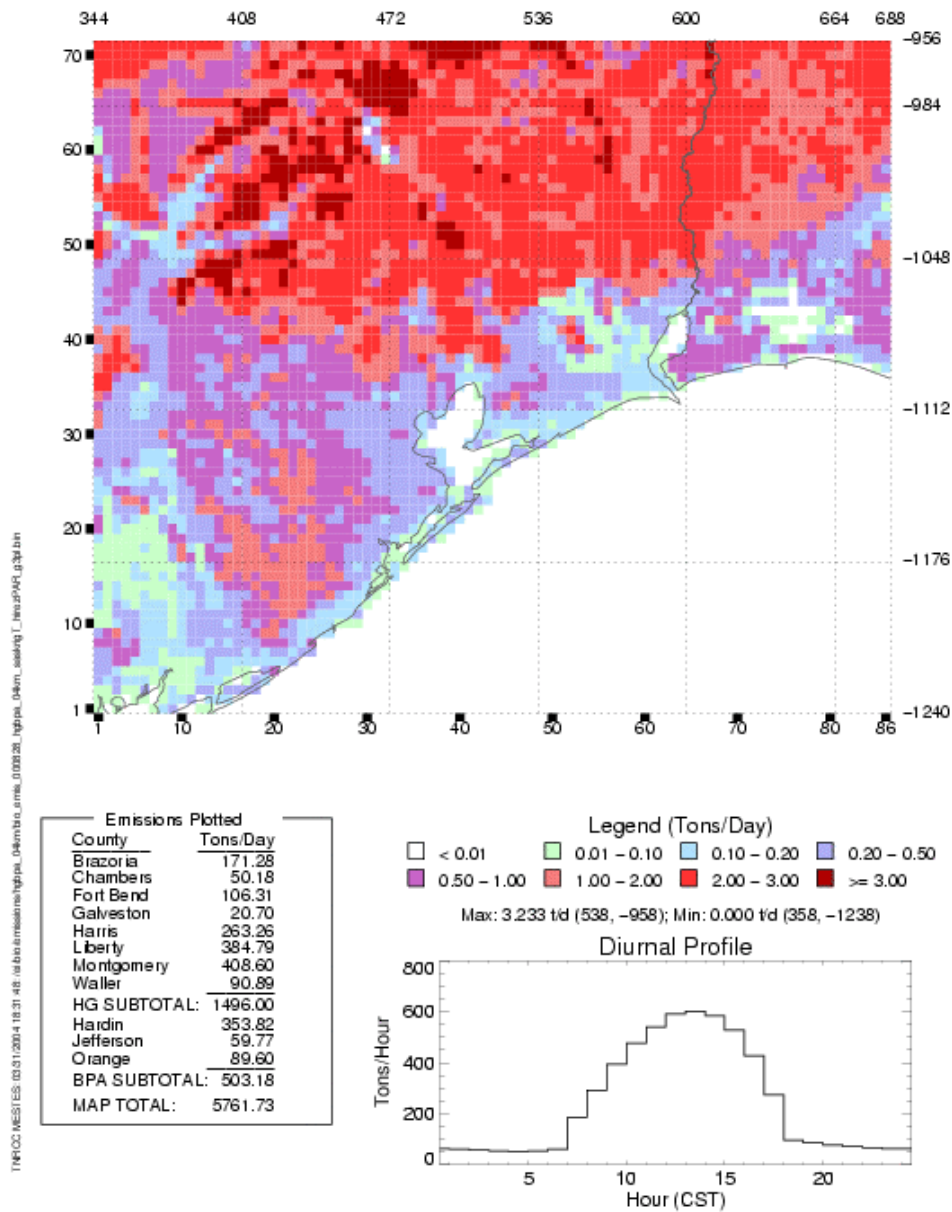
(4x4 Km Grid Cells)



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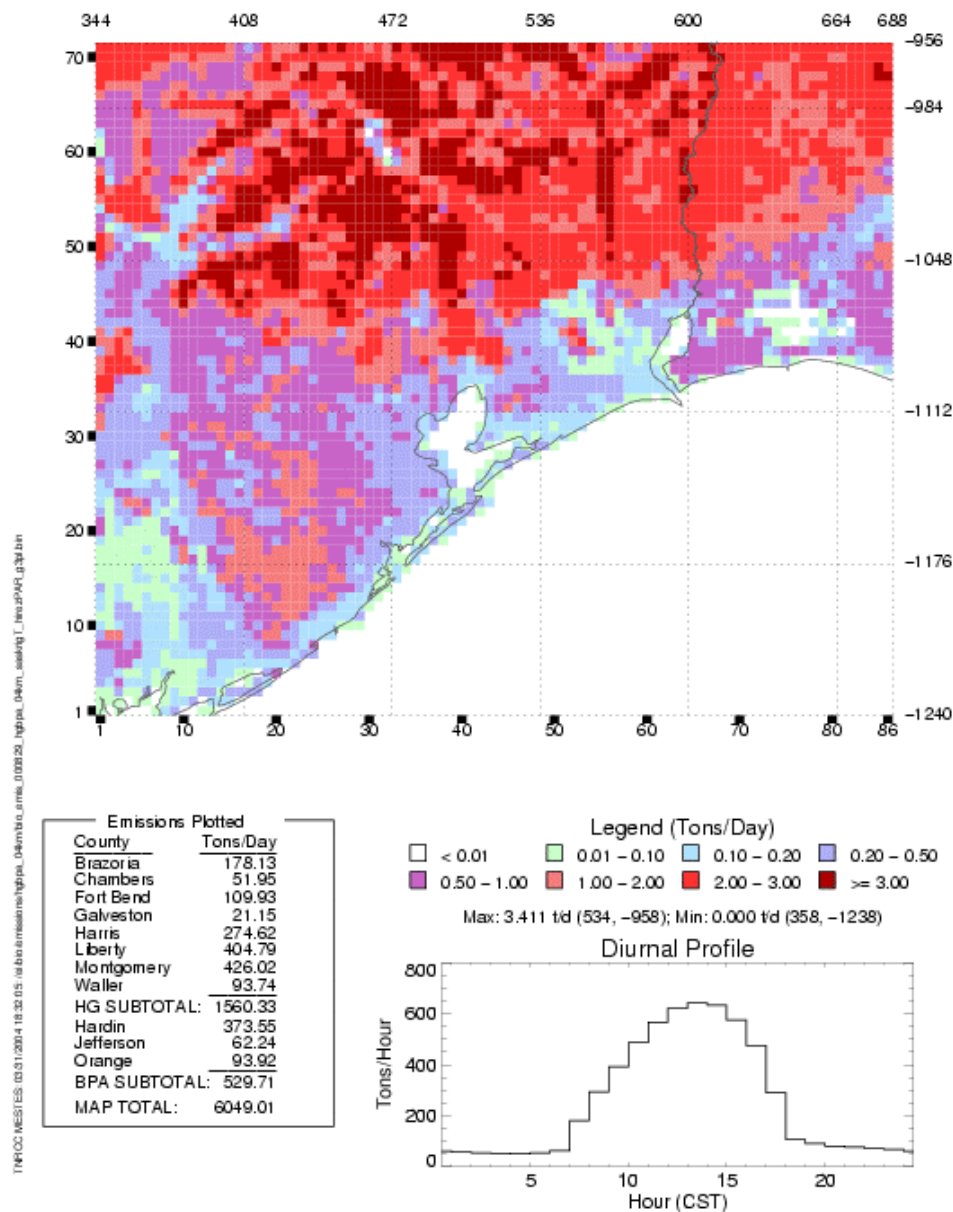
hgbpa_04km Biogenic CB-IV HC Emissions, 08/28/2000

(4x4 Km Grid Cells)



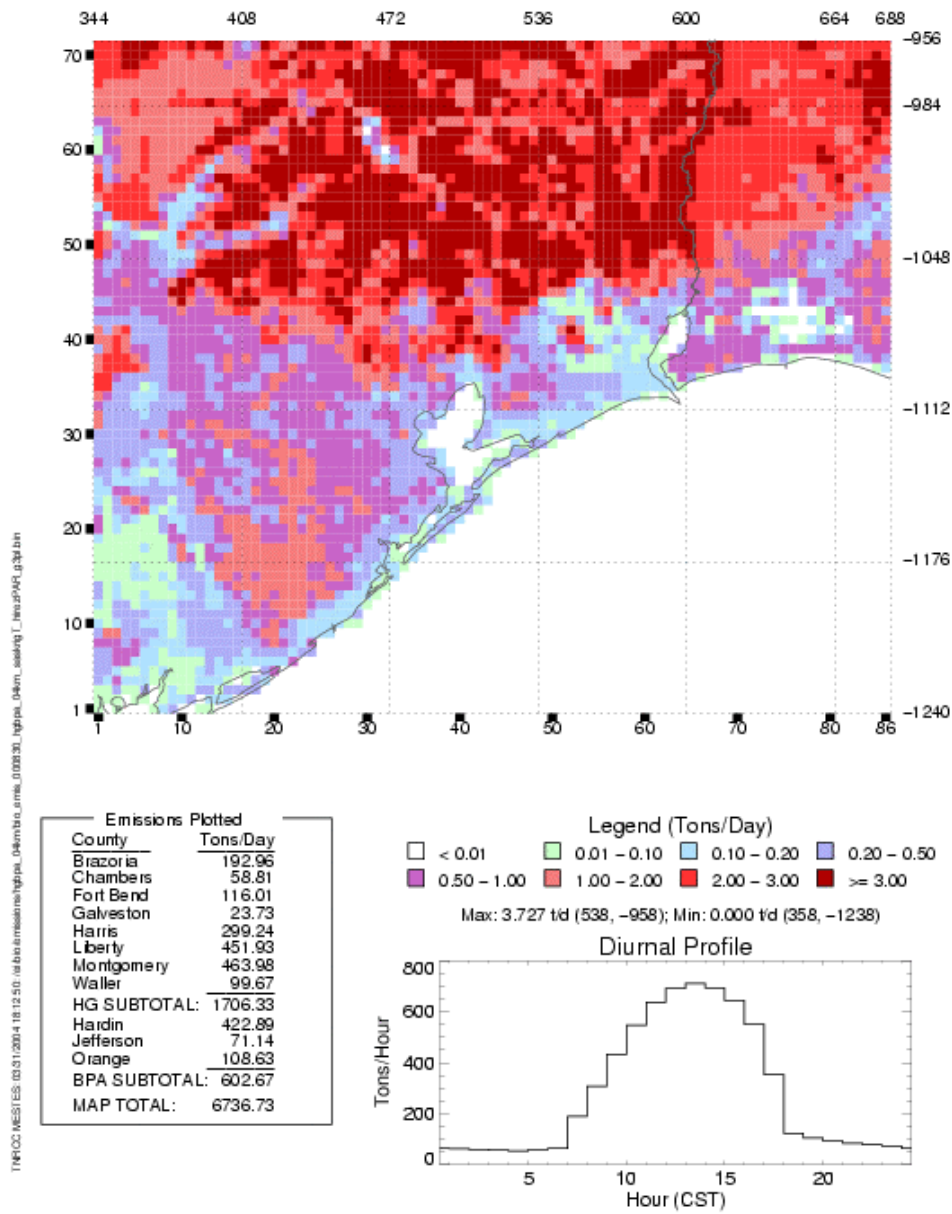
hgba_04km Biogenic CB-IV HC Emissions, 08/29/2000

(4x4 Km Grid Cells)



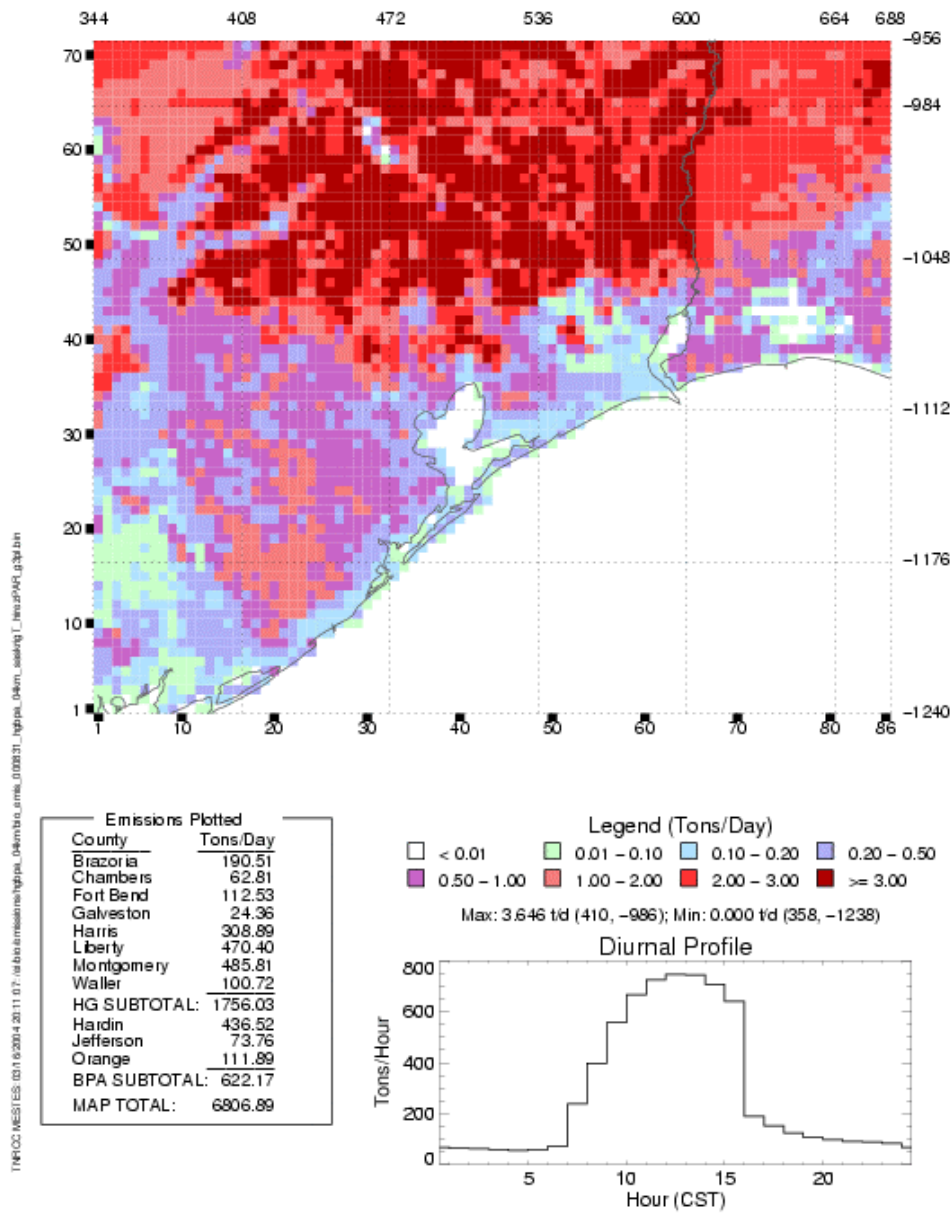
hgbpa_04km Biogenic CB-IV HC Emissions, 08/30/2000

(4x4 Km Grid Cells)



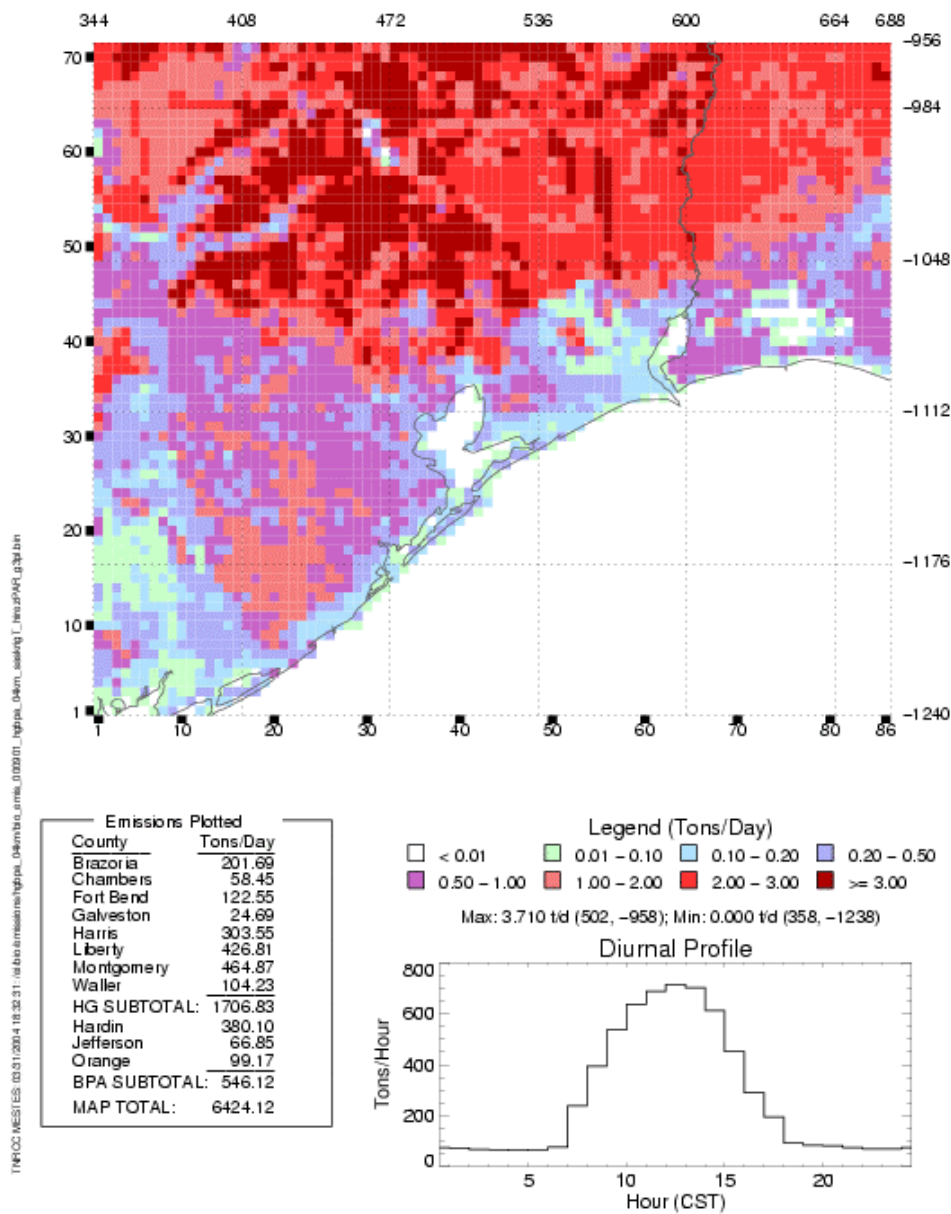
hgbpa_04km Biogenic CB-IV HC Emissions, 08/31/2000

(4x4 Km Grid Cells)



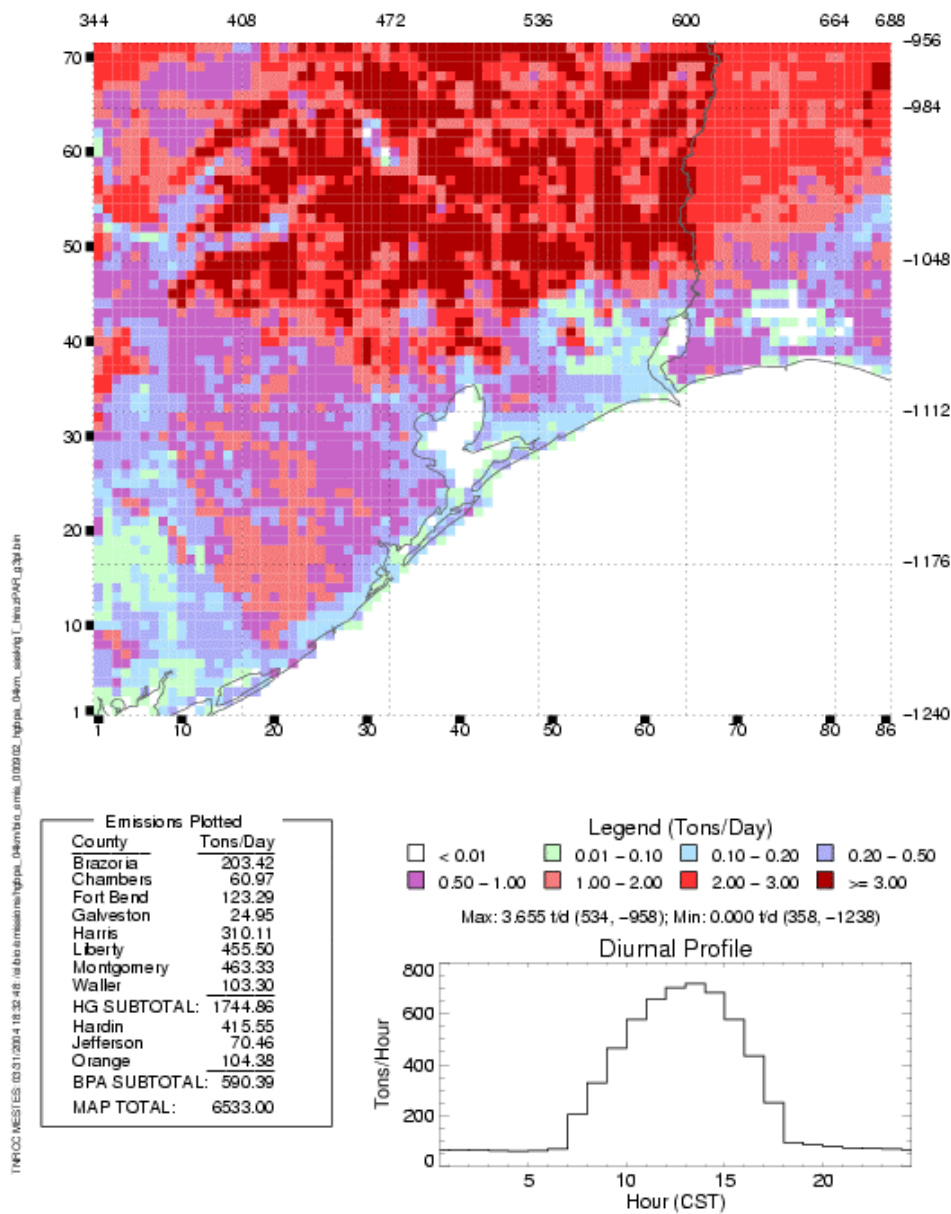
hgba_04km Biogenic CB-IV HC Emissions, 09/01/2000

(4x4 Km Grid Cells)



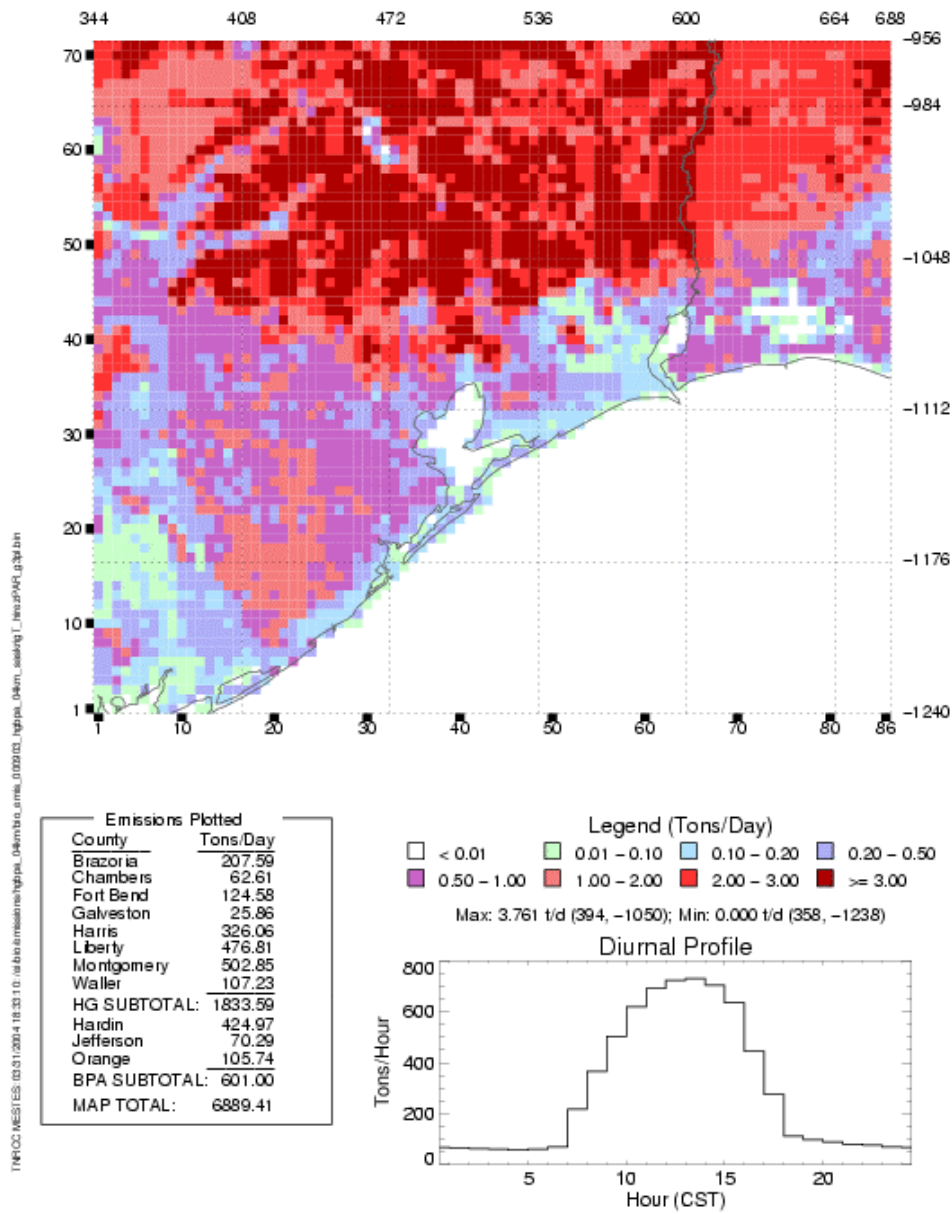
hgba_04km Biogenic CB-IV HC Emissions, 09/02/2000

(4x4 Km Grid Cells)



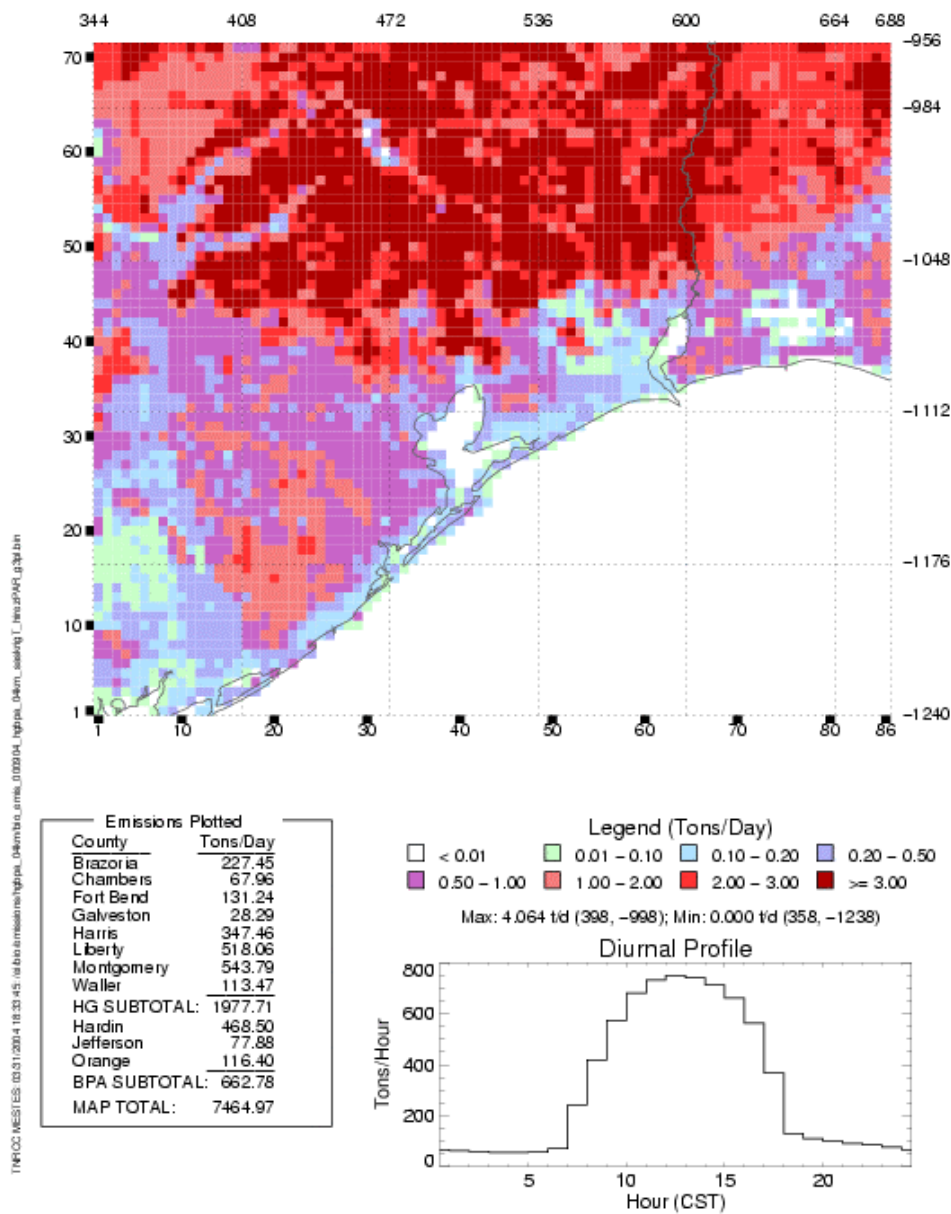
hgbpa_04km Biogenic CB-IV HC Emissions, 09/03/2000

(4x4 Km Grid Cells)



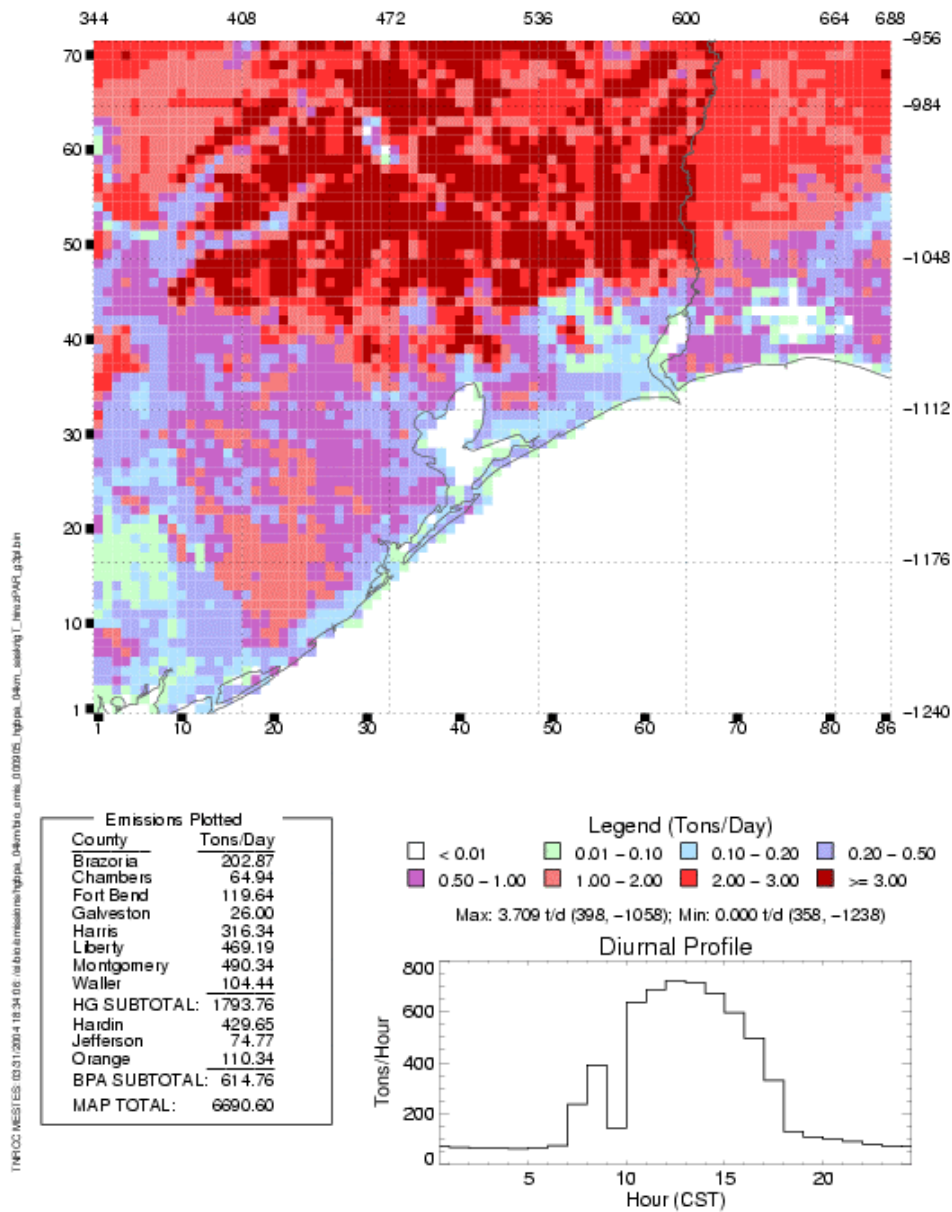
hgba_04km Biogenic CB-IV HC Emissions, 09/04/2000

(4x4 Km Grid Cells)



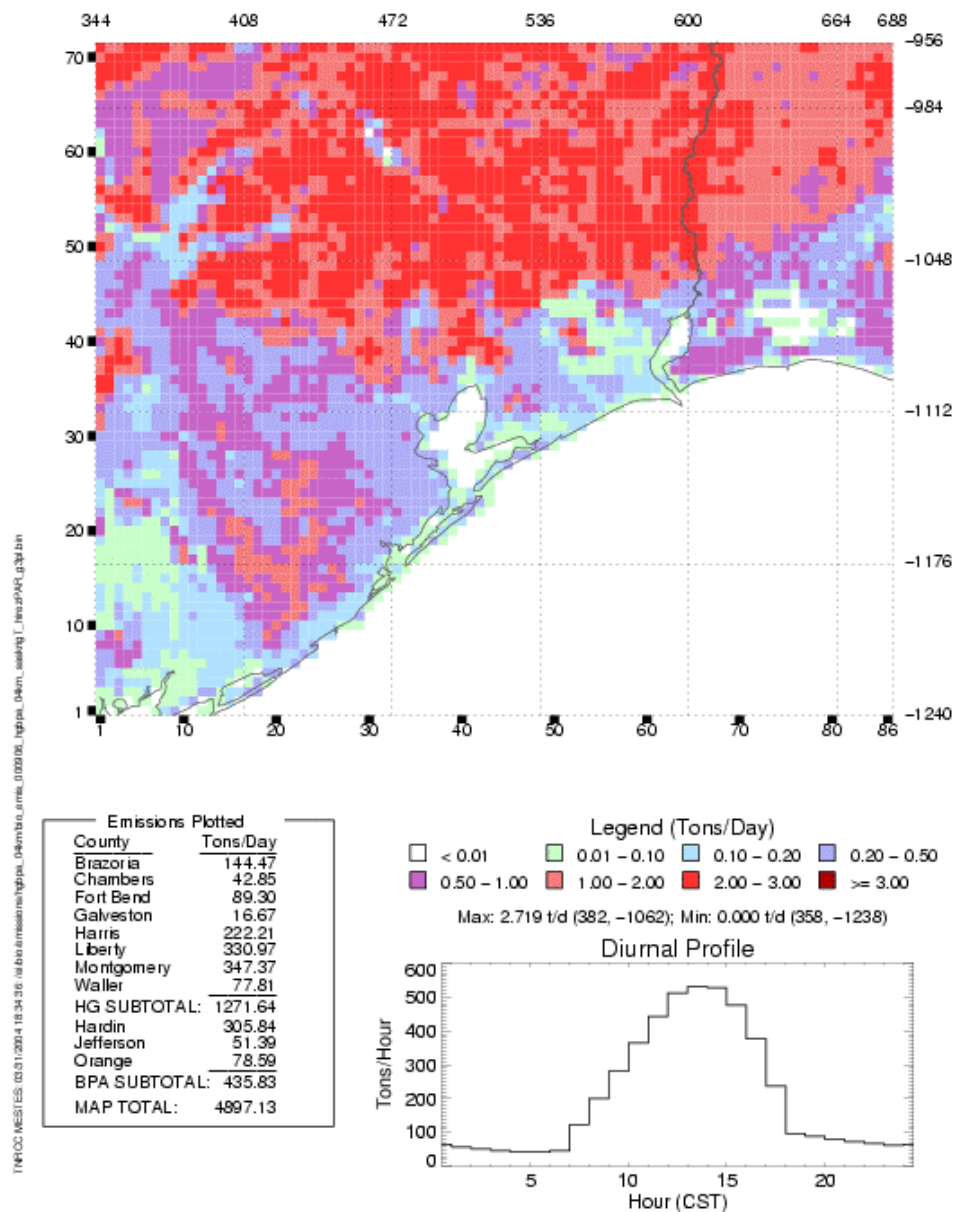
hgbpa_04km Biogenic CB-IV HC Emissions, 09/05/2000

(4x4 Km Grid Cells)



hgba_04km Biogenic CB-IV HC Emissions, 09/06/2000

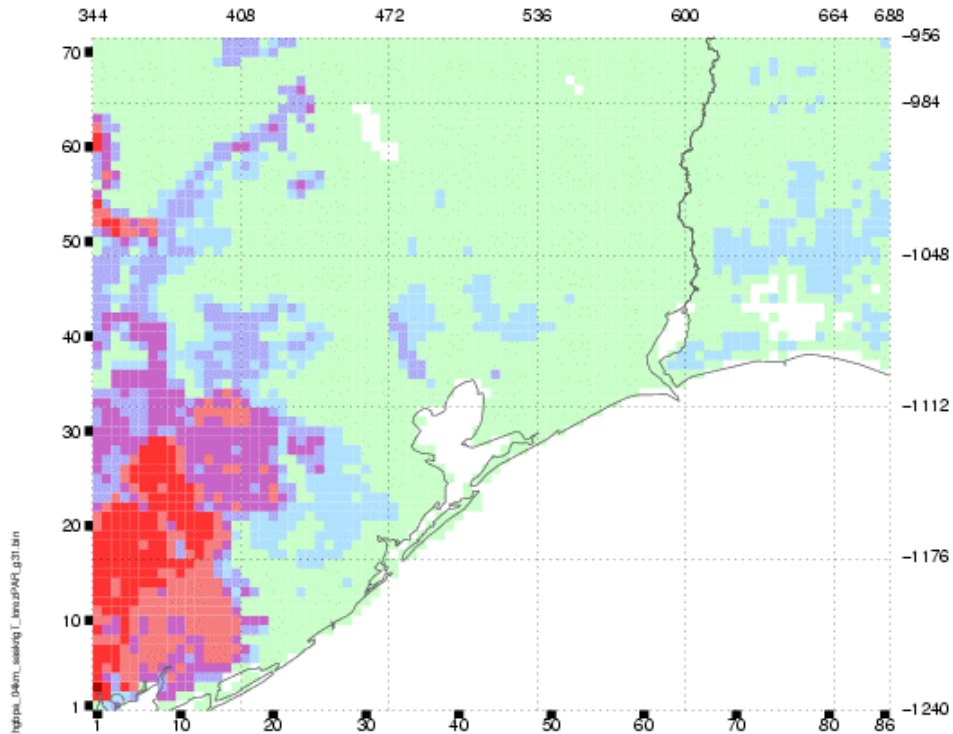
(4x4 Km Grid Cells)



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hgba_04km Biogenic NO_x Emissions, 08/10/2000

(4x4 Km Grid Cells)

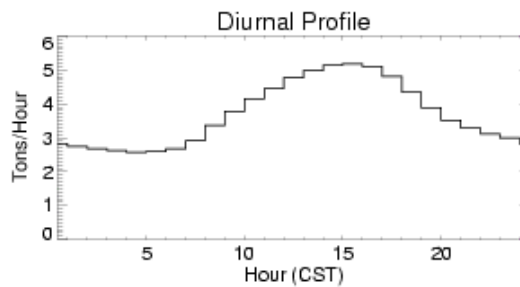


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Emissions Plotted	
County	Tons/Day
Brazoria	2.18
Chambers	0.37
Fort Bend	10.02
Galveston	0.24
Harris	2.97
Liberty	1.25
Montgomery	0.62
Waller	1.11
HG SUBTOTAL:	18.77
Hardin	0.42
Jefferson	0.77
Orange	0.22
BPA SUBTOTAL:	1.41
MAP TOTAL:	88.51

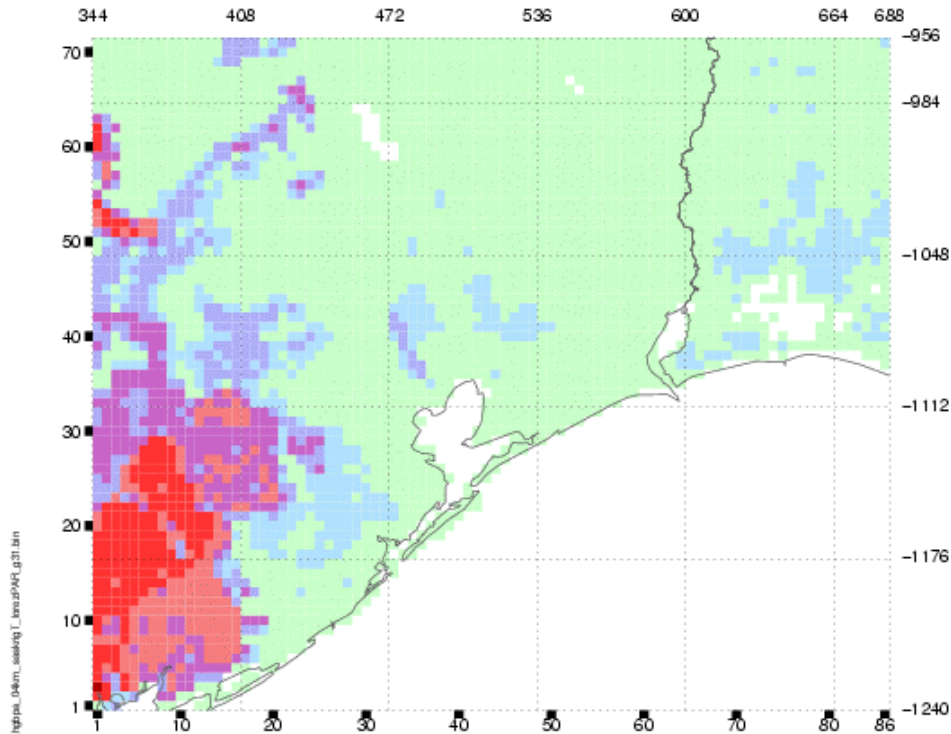


Max: 0.202 t/d (346, -1230); Min: 0.000 t/d (358, -1238)



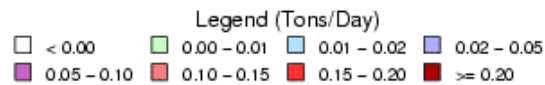
hgba_04km Biogenic NO_x Emissions, 08/11/2000

(4x4 Km Grid Cells)

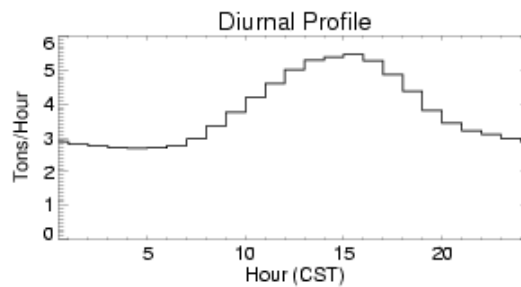


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Emissions Plotted	
County	Tons/Day
Brazoria	2.19
Chambers	0.35
Fort Bend	10.25
Galveston	0.23
Harris	3.01
Liberty	1.21
Montgomery	0.63
Waller	1.15
HG SUBTOTAL:	19.03
Hardin	0.40
Jefferson	0.72
Orange	0.21
BPA SUBTOTAL:	1.33
MAP TOTAL:	90.36

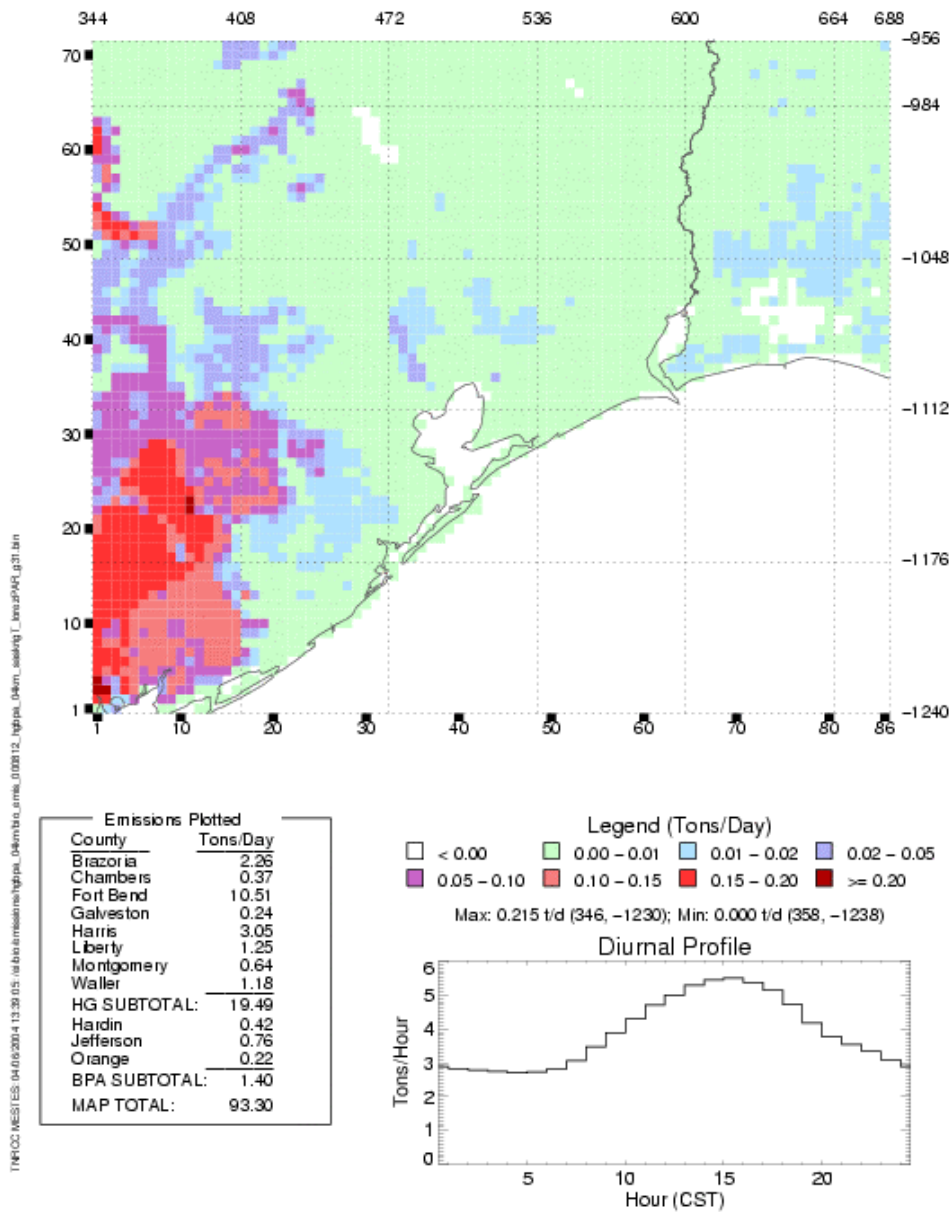


Max: 0.205 t/d (346, -1230); Min: 0.000 t/d (358, -1238)



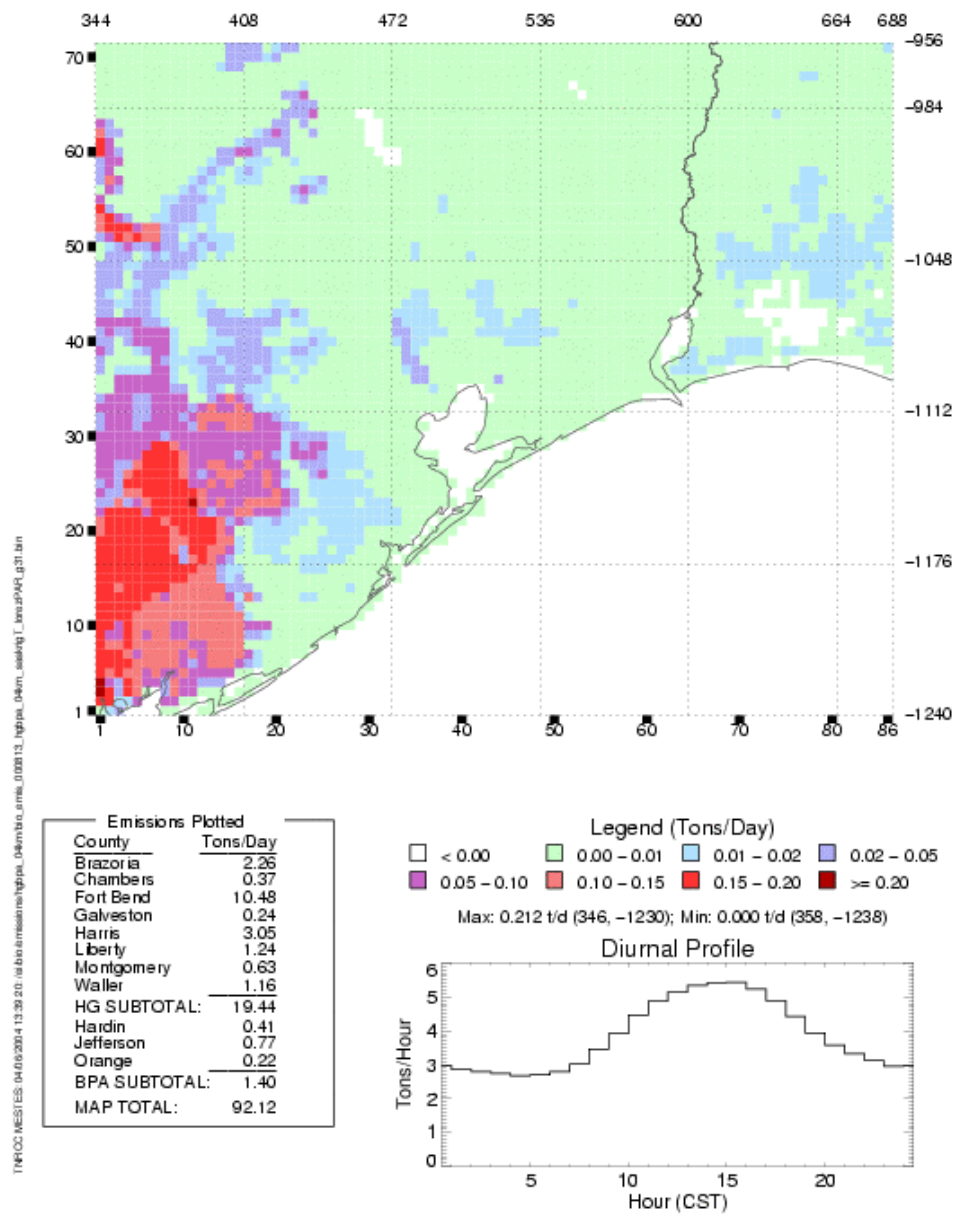
hgbpa_04km Biogenic NO_x Emissions, 08/12/2000

(4x4 Km Grid Cells)



hgbpa_04km Biogenic NO_x Emissions, 08/13/2000

(4x4 Km Grid Cells)



hgbpa_04km Biogenic NO_x Emissions, 08/19/2000

(4x4 Km Grid Cells)



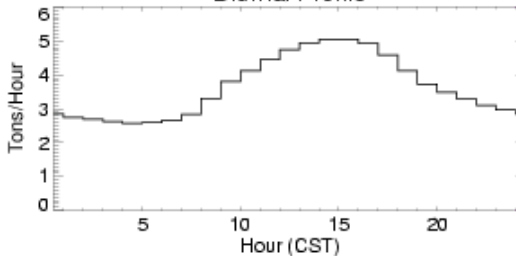
Emissions Plotted	
County	Tons/Day
Brazoria	2.15
Chambers	0.36
Fort Bend	9.79
Galveston	0.23
Harris	2.91
Liberty	1.23
Montgomery	0.62
Waller	1.09
HG SUBTOTAL:	18.39
Hardin	0.42
Jefferson	0.75
Orange	0.22
BPA SUBTOTAL:	1.38
MAP TOTAL:	87.25

Legend (Tons/Day)



Max: 0.200 t/d (346, -1230); Min: 0.000 t/d (358, -1238)

Diurnal Profile



hgbpa_04km Biogenic NO_x Emissions, 08/21/2000

(4x4 Km Grid Cells)



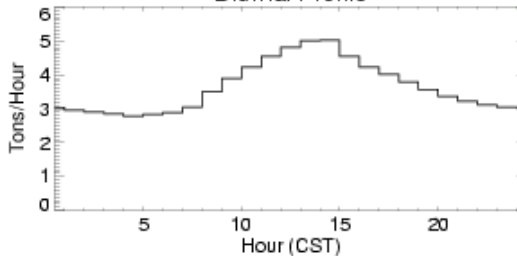
Emissions Plotted	
County	Tons/Day
Brazoria	2.21
Chambers	0.37
Fort Bend	9.89
Galveston	0.24
Harris	2.98
Liberty	1.26
Montgomery	0.62
Waller	1.09
HG SUBTOTAL:	18.66
Hardin	0.42
Jefferson	0.77
Orange	0.22
BPA SUBTOTAL:	1.42
MAP TOTAL:	87.19

Legend (Tons/Day)



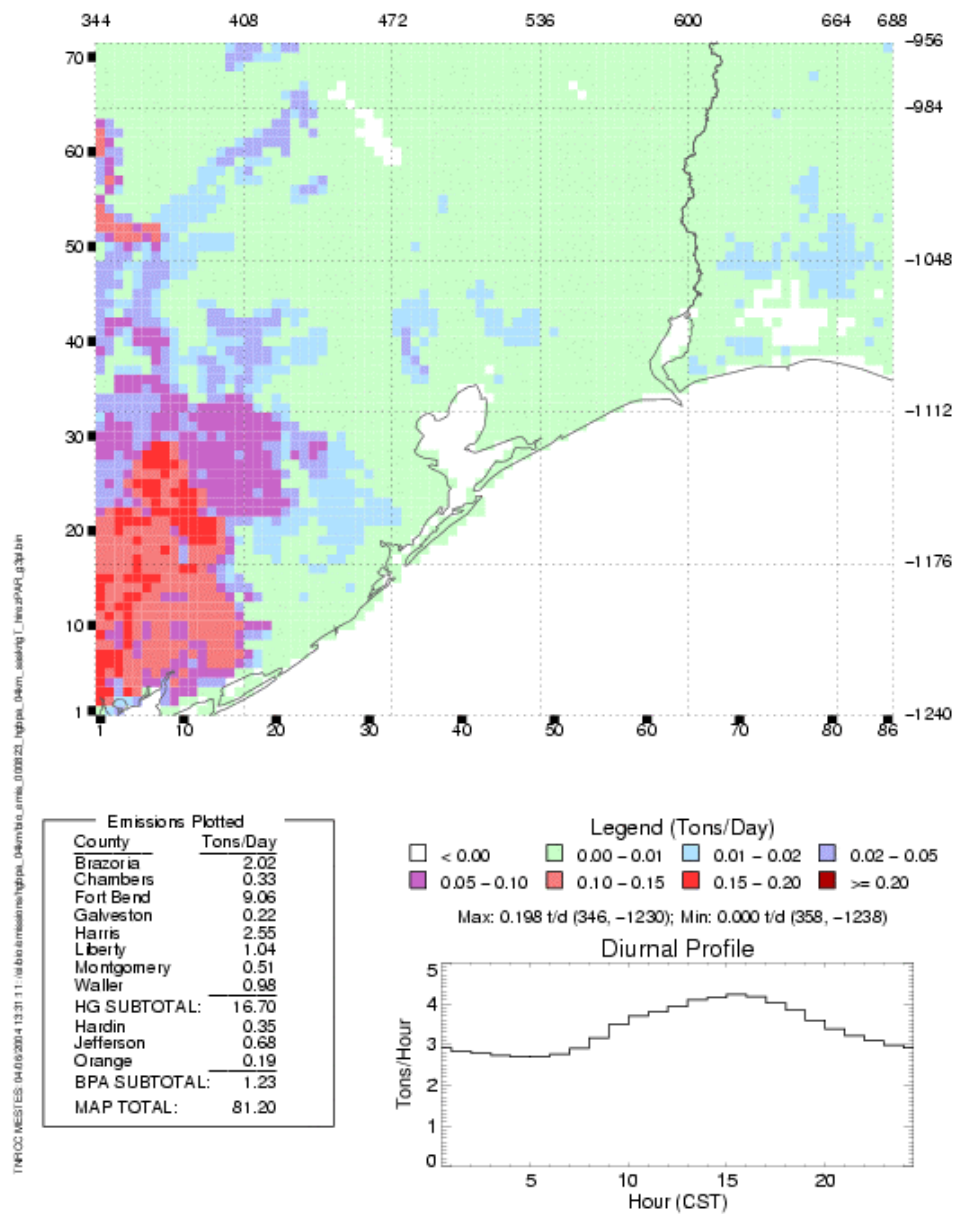
Max: 0.205 t/d (346, -1230); Min: 0.000 t/d (358, -1238)

Diurnal Profile



hgba_04km Biogenic NO_x Emissions, 08/23/2000

(4x4 Km Grid Cells)



T:\NO_x MESSES 04/05/2004 13:31:11 \atlas\emissions\hgba_04km\hgba_04km_082300.ems (082300_hgba_04km_082300.q3d bin)

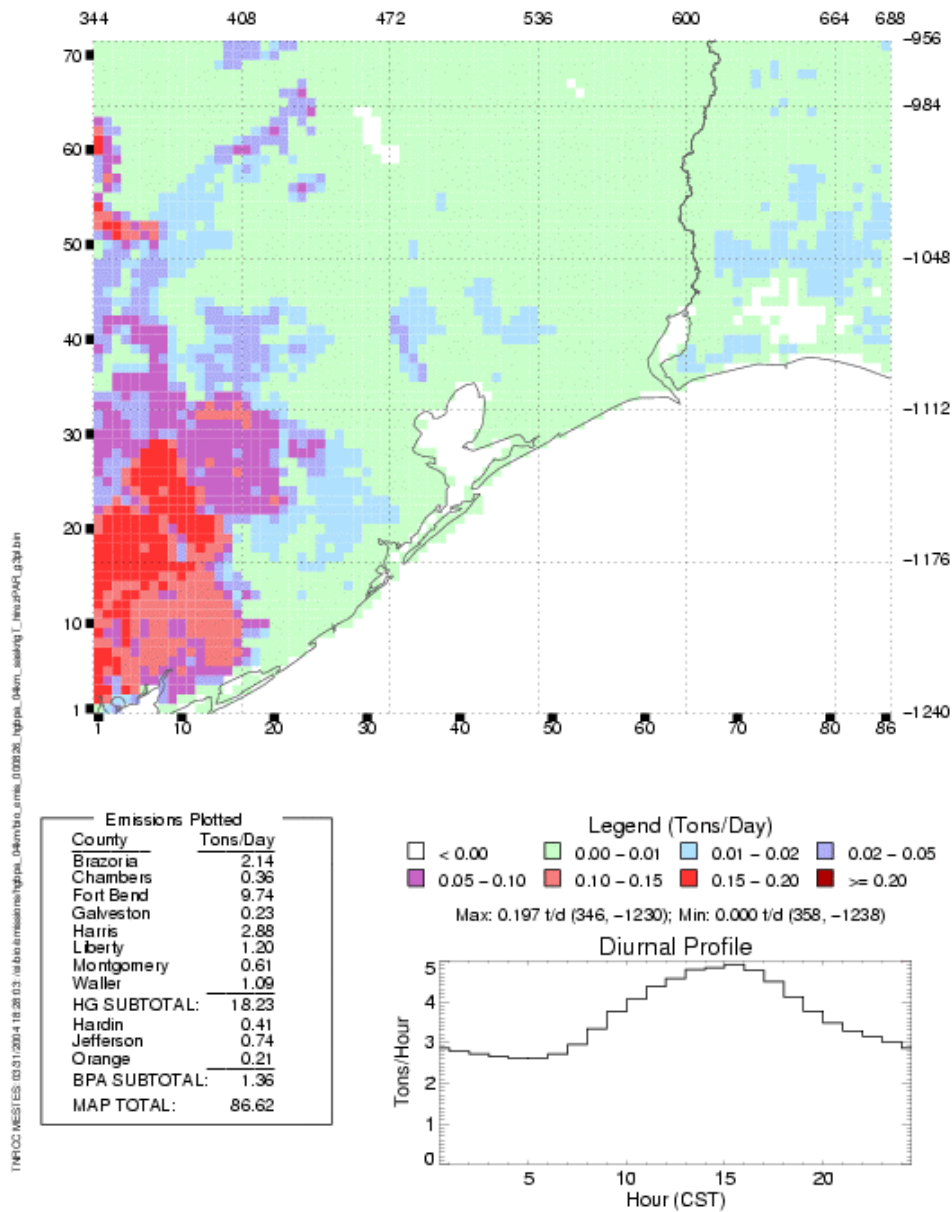
hgbpa_04km Biogenic NO_x Emissions, 08/25/2000

(4x4 Km Grid Cells)



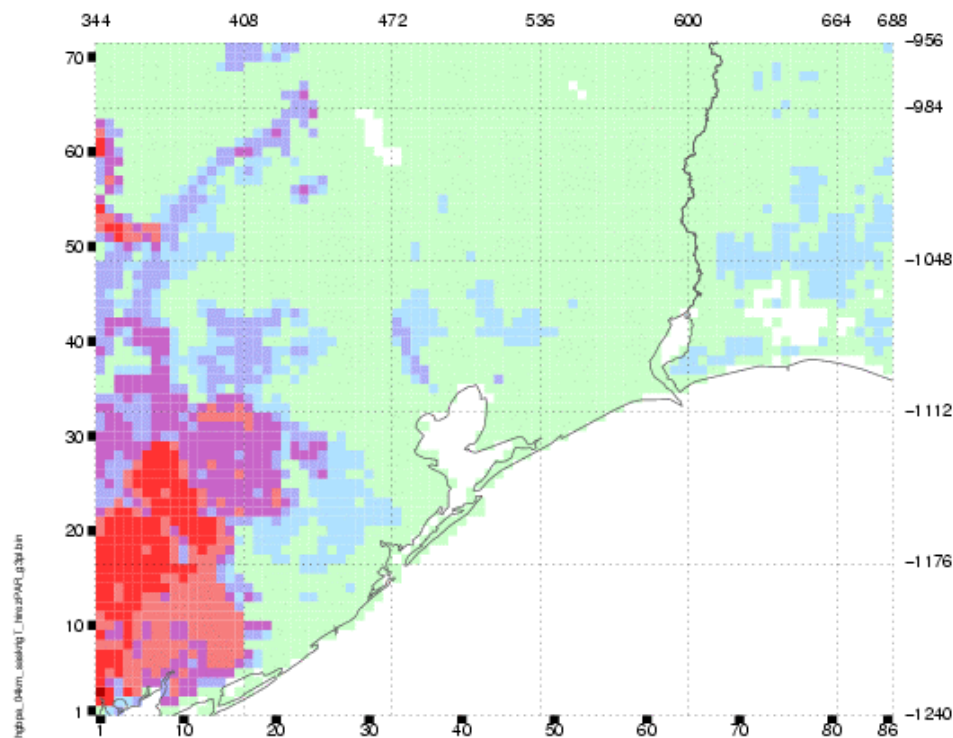
hgbpa_04km Biogenic NO_x Emissions, 08/26/2000

(4x4 Km Grid Cells)



hgba_04km Biogenic NO_x Emissions, 08/27/2000

(4x4 Km Grid Cells)

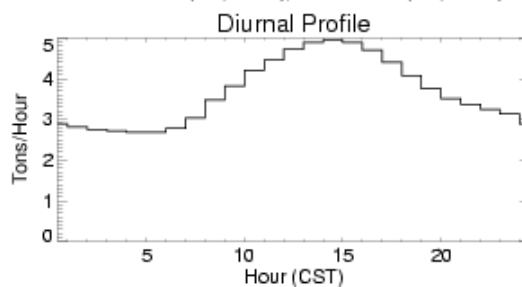


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Emissions Plotted	
County	Tons/Day
Brazoria	2.17
Chambers	0.37
Fort Bend	9.82
Galveston	0.24
Harris	2.89
Liberty	1.23
Montgomery	0.61
Waller	1.09
HG SUBTOTAL:	18.42
Hardin	0.42
Jefferson	0.76
Orange	0.22
BPA SUBTOTAL:	1.40
MAP TOTAL:	87.99



Max: 0.203 t/d (346, -1230); Min: 0.000 t/d (358, -1238)



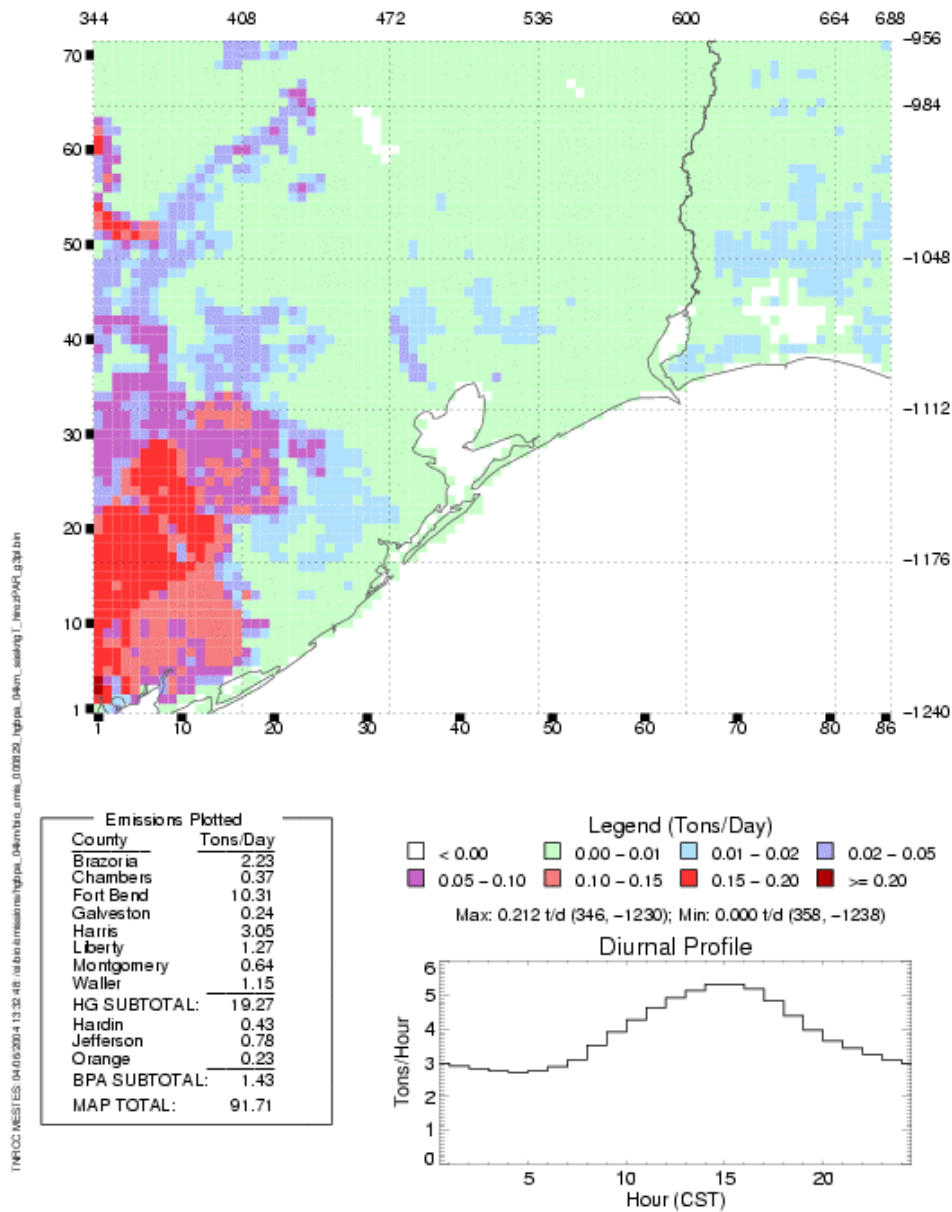
hgbpa_04km Biogenic NO_x Emissions, 08/28/2000

(4x4 Km Grid Cells)



hgbpa_04km Biogenic NO_x Emissions, 08/29/2000

(4x4 Km Grid Cells)



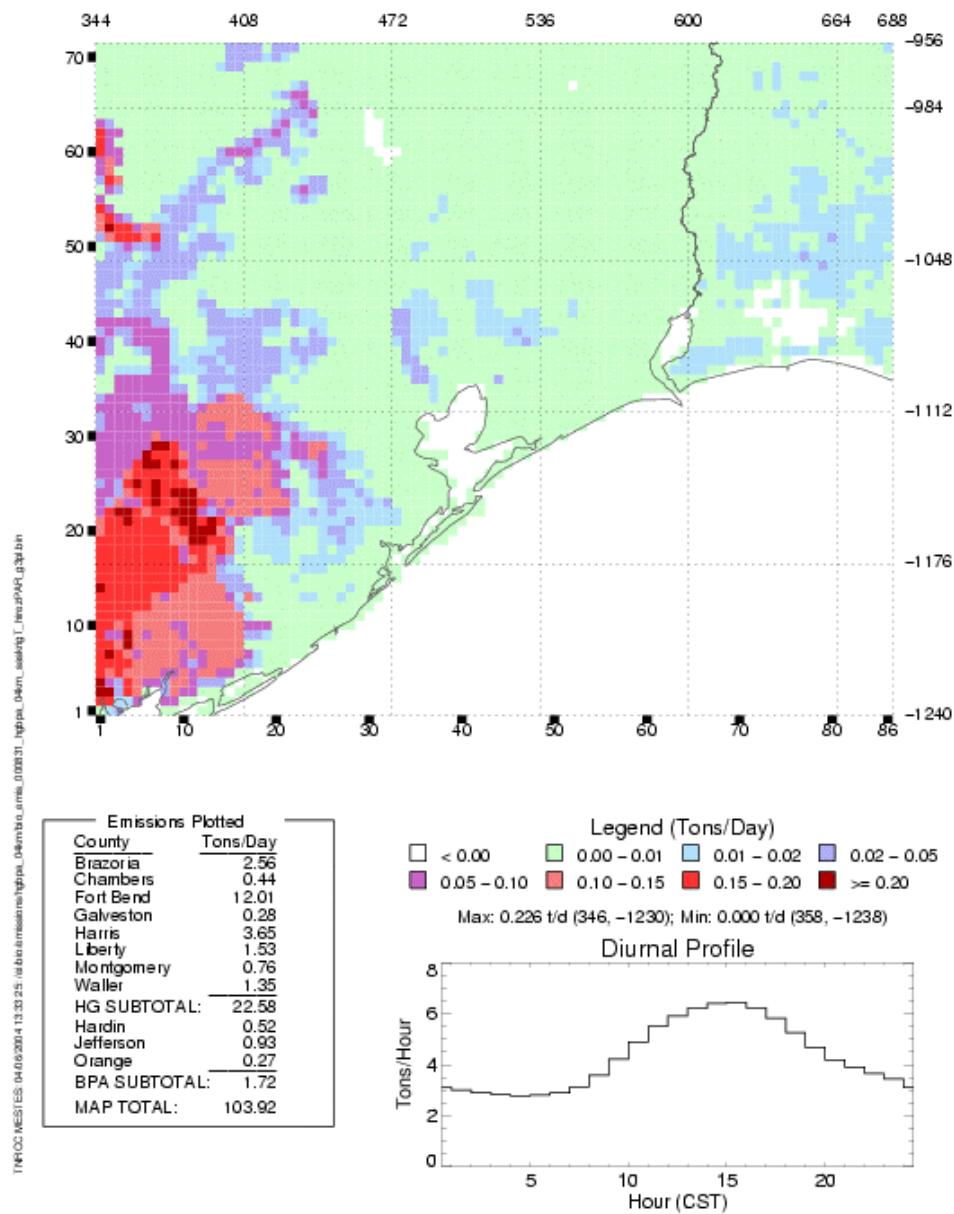
hgbpa_04km Biogenic NO_x Emissions, 08/30/2000

(4x4 Km Grid Cells)



hgbpa_04km Biogenic NO_x Emissions, 08/31/2000

(4x4 Km Grid Cells)

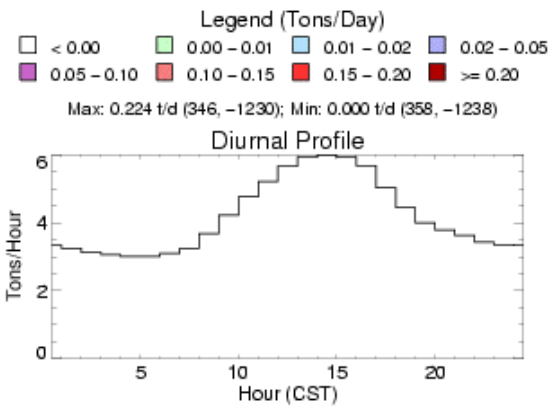


hgbpa_04km Biogenic NO_x Emissions, 09/01/2000

(4x4 Km Grid Cells)

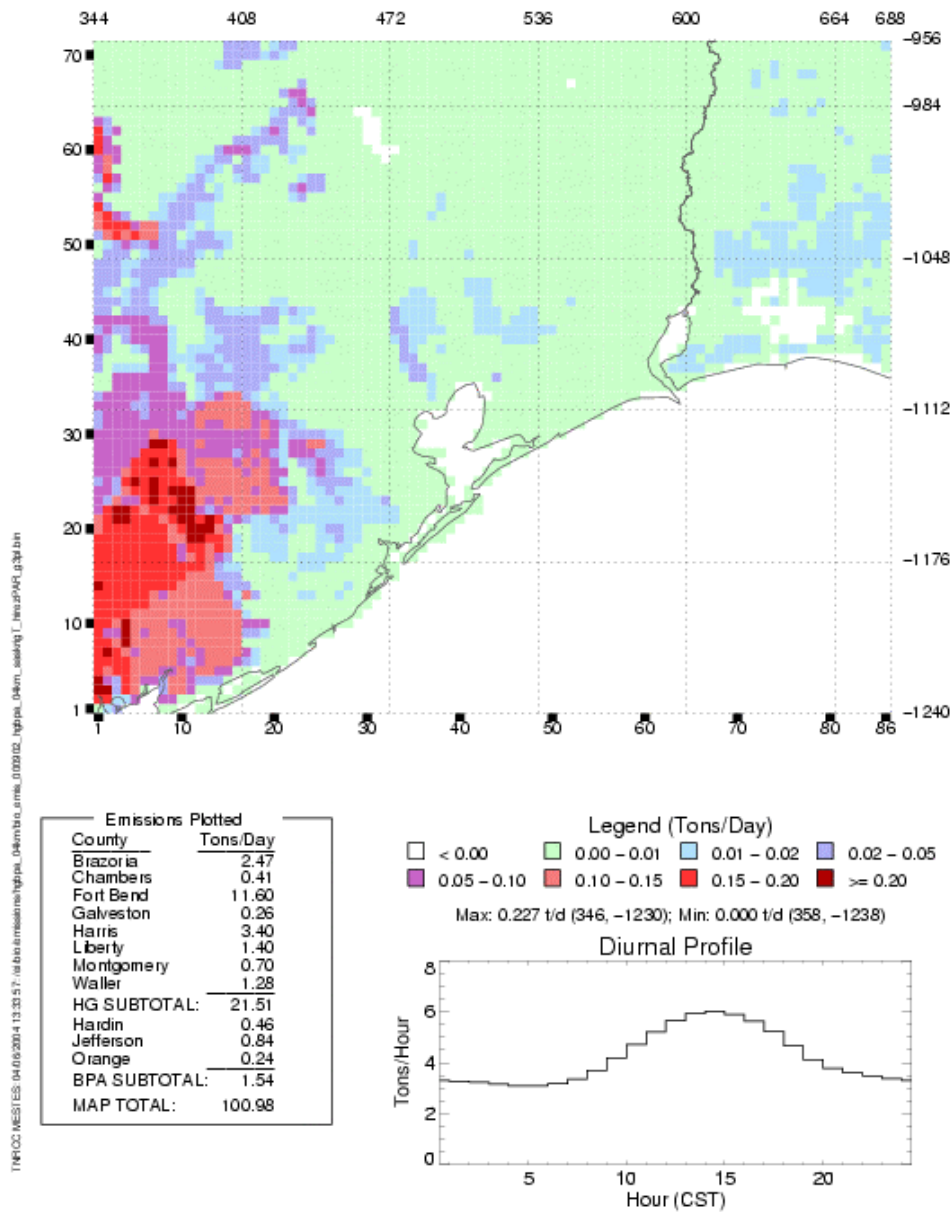


Emissions Plotted	
County	Tons/Day
Brazoria	2.43
Chambers	0.40
Fort Bend	11.31
Galveston	0.26
Harris	3.34
Liberty	1.38
Montgomery	0.70
Waller	1.27
HG SUBTOTAL:	21.10
Hardin	0.47
Jefferson	0.84
Orange	0.24
BPA SUBTOTAL:	1.55
MAP TOTAL:	99.95



hgbpa_04km Biogenic NO_x Emissions, 09/02/2000

(4x4 Km Grid Cells)



hgbpa_04km Biogenic NO_x Emissions, 09/03/2000

(4x4 Km Grid Cells)

